TUNER/GRAPHIC EQUALIZER

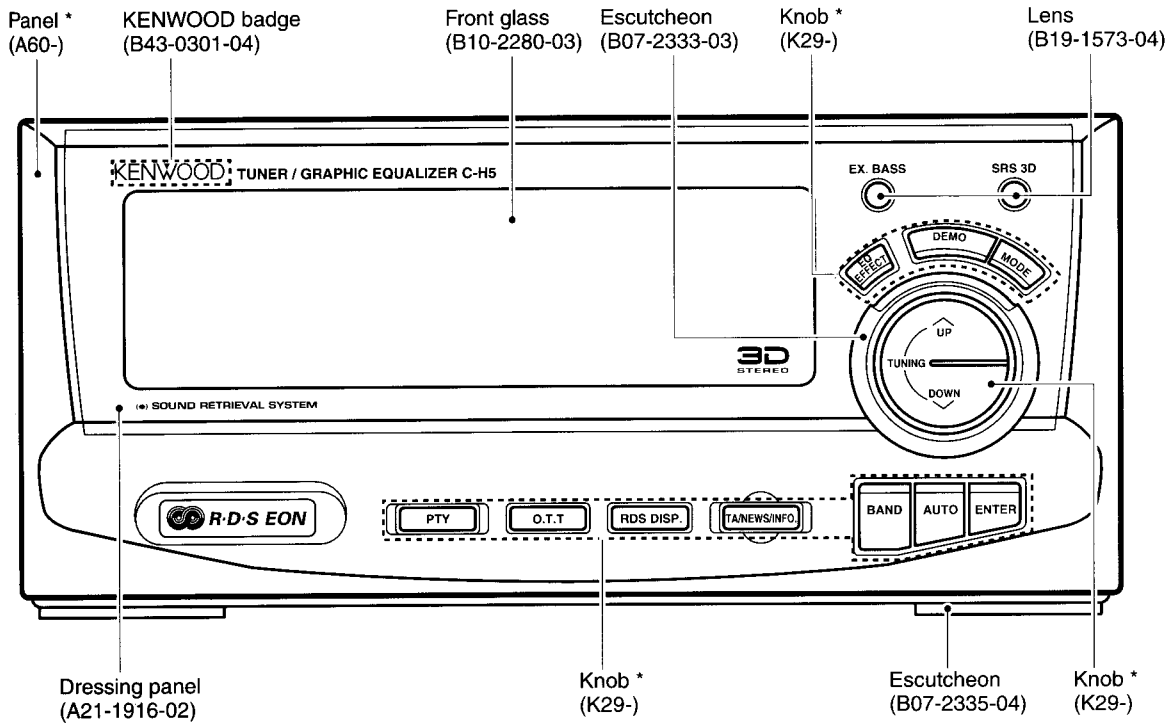
C-H5/H51/H5W/H6/H61/H6W/H7

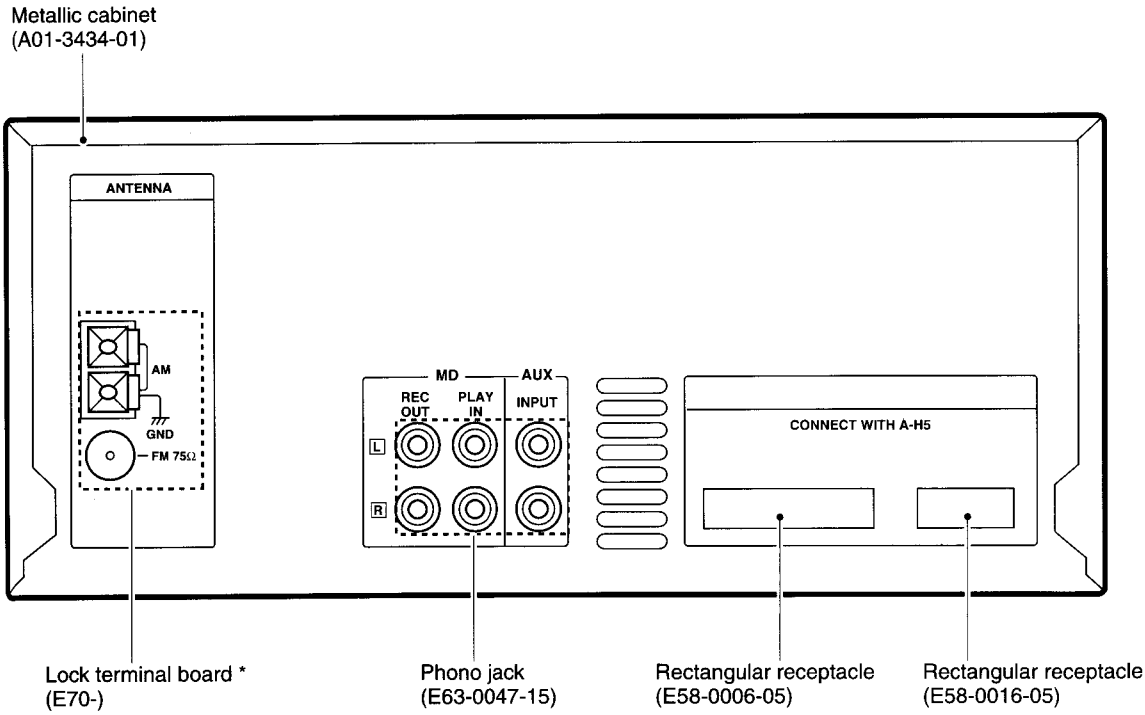
SERVICE MANUAL

(XD-6000/8000/9580 SERIES)

KENWOOD

© 1997-4/B51-5297-00 (K/K) 2341





PRECAUTIONS FOR REPAIR

C-H5~H7 do not have a power supply transformer. Use **A-H5** or **PS-94UA** power supply to supply power.

Illustration is C-H5.

*** Refer to parts list on page 33.**

C-H5/H51/H5W/H6/H61/H6W/H7

CONTENTS / ACCESSORIES

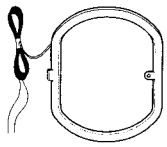
Contents

CONTENTS / ACCESSORIES 2
CONTROLS 3
CIRCUIT DESCRIPTION 6
ADJUSTMENT 10
PC BOARD 11
SCHEMATIC DIAGRAM 15
EXPLODED VIEW 32
PARTS LIST 33
SPECIFICATIONS ..... Back cover

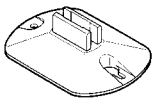
Note : On serial test mode, refer to **KR-7080/8080 (B51-5162-00)** Service manual.

Accessories

AM loop antenna assy (1)
(T90-0820-05)

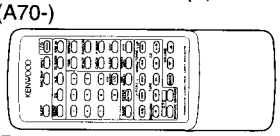


Loop antenna stand(1)



Parallel cord
(E30-2738-05)

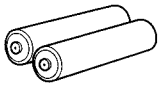
Remote control unit (1) *
(A70-)



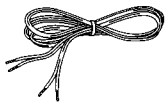
Battery cover : (A09-0380-08)

Batteries (R6/AA) (2)

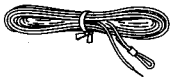
(–)



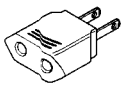
Speaker cord (2)
(E30-5156-08)



FM indoor antenna (1)
(T90-0801-05): KMYI
(T90-0809-05): TEQ



AC plug adaptor (1)
(Except for the Europe. U.K. and Australia)
(E03-0115-05)



For the unit with a European AC plug in areas other than Europe.

* Refer to parts list.

System configuration

SYSTEM	TUNER / EQUALIZER	AMPLIFIER	CASSETTE DECK	CD PLAYER	SPEAKER	MD RECORDER
XD-6060	C-H51	A-H5	X-H5	DP-H5	LS-H6	–
XD-6500	C-H5	A-H5	X-H5	DP-MH5	LS-H5	–
XD-6560	C-H51	A-H5	X-H5	DP-MH5	LS-H6	–
XD-8000	C-H6	A-H5	X-H5	DP-H5	LS-H6	–
XD-8550	C-H6	A-H5	X-H5	DP-MH5	LS-H6	–
XD-8560	C-H61	A-H5	X-H5	DP-MH5	LS-H6	–
XD-6000/W	C-H5/W	A-H5	X-H5	DP-H5	LS-H5	–
XD-6050/W	C-H5/W	A-H5	X-H5	DP-H5	LS-H5	–
XD-6550/W	C-H5/W	A-H5	X-H5	DP-MH5	LS-H5	–
XD-8050/W	C-H6/W	A-H5	X-H5	DP-H5	LS-H6	–
XD-8500/W	C-H6	A-H5	X-H5	DP-MH5	LS-H6	–
XD-9580MD	C-H7	A-H5	–	DP-MH5	LS-H6	DM-H5

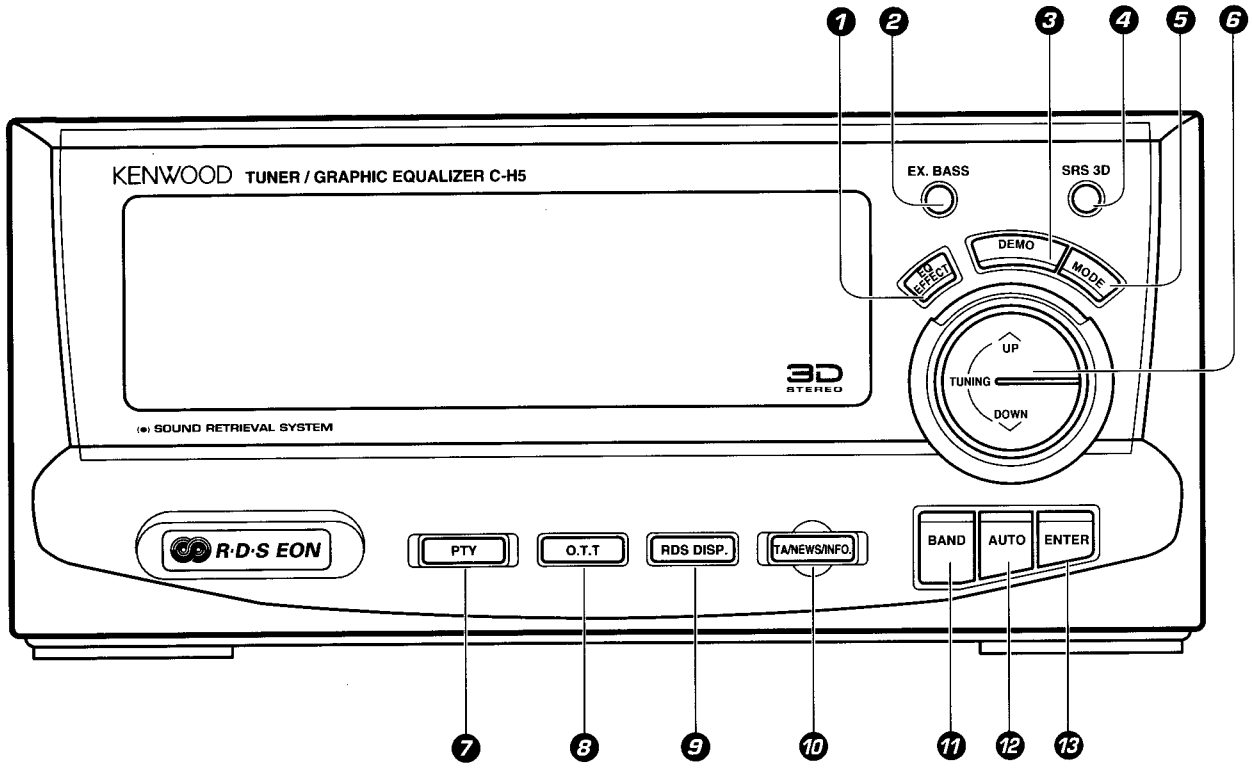
PCB ASS'Y vs MODEL NAME

PCB NAME	TYPE	MODEL NAME
X04-1313-81	Q	C-H5W/H6W
X05-4650-52	T	C-H5/H6/H7
X05-4652-71	E	C-/H5/H6/H7
X05-4653-82	Q	C-/H5W/H6W
X05-4660-12	K	C-H7
X05-4660-21	Y/M/I	C-H51/H61/H7
X11-3700-21	K/M	C-H7
X11-3700-22	Y/M/I	C-H61
X11-3700-23	Y/M/I	C-H51

PCB NAME	TYPE	MODEL NAME
X11-3700-51	T	C-H7
X11-3700-52	T	C-H6
X11-3700-53	T	C-H5
X11-3702-71	E	C-H7
X11-3702-72	E	C-H6
X11-3702-73	E	C-H5
X11-3703-81	Q	C-H5W
X11-3703-82	Q	C-H6W

CONTROLS

Tuner/Equalizer Unit (C-H5)



❶ EQ. EFFECT Key
The equalizer defect is switched ON/OFF and the type of equalizer effect is selected.

❷ EX. BASS (Extra bass) key/Indicator
When power is ON: Press to enhance.
When power is STANDBY: Used in the timer setting operation.

❸ DISPLAY/DEMO key
when power is ON: Switches the displayed information. Switches the demonstration on and off.
When power is STANDBY: Switches the demonstration on and off.

❹ SRS 3D key/Indicator
When power is ON: Switches the SRS 3D play on and off.
When power is STANDBY: Used in the timer setting operation.

❺ MODE key
Press to switch the function of the **TUNING UP/DOWN** keys. The function which can be selected are variable depending on the condition of the system at each moment.

❻ TUNING UP/DOWN key
These keys are usually used to select the broadcast station to be selected. When required, the functions of these keys can be switched with the MODE key.

❼ PTY key

❽ O.T.T key
Press when setting the O.T.T timer function.

❾ RDS DISP. key

❿ TA/NEWS/INFO. key
When power is STANDBY: Switches the auto power-save mode on and off.

⓫ BAND key
Press to switch the receiving band.

⓬ AUTO key
When power is ON: Switches the tuning mode.
When power is STANDBY: Used in the clock adjustment.

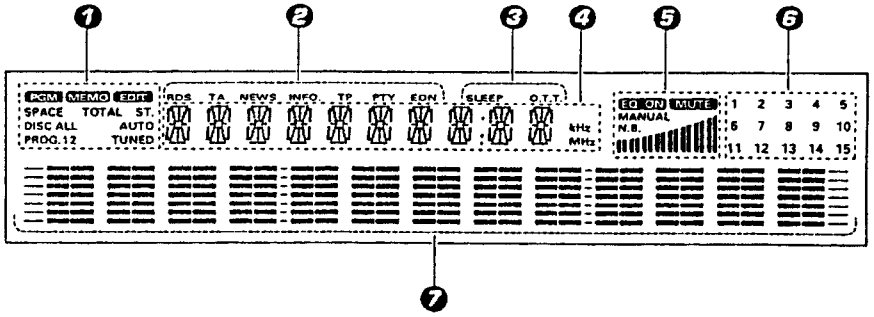
⓭ ENTER key
Used for time setting, timer setting, etc.

* Please refer to **A-H5** service manual on Remote control.

C-H5/H51/H5W/H6/H61/H6W/H7

CONTROLS

Display (C-H5)



❶ Tuner and applied operation indicators
This section contains the indicators of the tuner operations as well as applied CD operation.

❷ RDS-related indicators

❸ Timer-related display

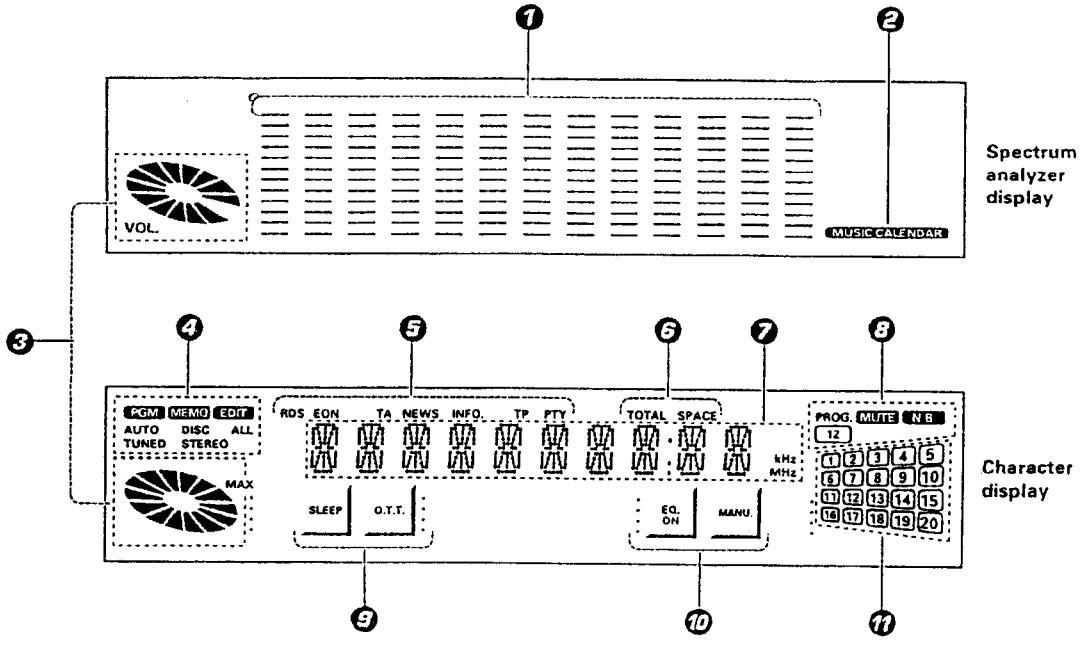
❹ Character information display

❺ Volume/tone-Timer-related display
This includes the graphic display of the current volume size and the indicators which light up when the equalizer is controlled.

❻ Music calendar display
The indicators in this section show the number of tracks recorded on a CD. Each track number indicators turns off when the playback of the track has completed.

❼ Graphic equalizer display
The displayed equalizer pattern varies according to the musci played. The equalizer pattern display format can be changed as required.

Display (C-H6)



❶ Equalizer indicator
This section shows the equalizer pattern in use.
The equalizer pattern display format can be switched.

❷ MUSIC CALENDER indicator

❸ Volume indicator
The display varies as the **VOLUME CONTROL** of the amplifier unit (A-H5) is operated. Usually, this section shows the current volume setting.

❹ Tuner and applied operation indicators
This section contains the indicators of the tuner operations as well as applied CD operation.

❺ RDS-related indicators

❻ CD-related indicators
These indicator light during recording and playback of CD.

❼ Character information indicators

❽ Timer reservation program No./MUTE/N.B. indicators

❾ Timer-related indicators

❿ Equalizer operation indicators

⓫ Music calendar indicators
The indicators in this section show the number of tracks recorded on a CD. Each track number indicators turns off when the playback of the track has completed.

CIRCUIT DESCRIPTION

1. INITIAL STATE

AMP SECTION
- # POWER ON/STANDBY : OFF
- # SELECTOR : TUNER
- • PROTECTION : OFF
- # MAIN VOLUME : 7
- # L/R BALANCE : CENTER
- • N.B. CIRCUIT : OFF
- # SRS 3D EFFECT LEVEL : 0
- # SRS S3 : OFF
- • SOURCE DIRECT : OFF
- • EXTRA BASS : ON
- • MUTE : OFF
- # INPUT LEVEL : -4dB(DISPLAY -2)
- • MD SYSTEM REC LEVEL : 0dB(NO DISPLAY)

TUNER SECTION
- • BAND : FM
- # PRESENT BAND
- • FREQUENCY(FM) : 87.5MHz
- • FREQUENCY(AM) : 531kHz
- # PRESENT FREQUENCY
- # AUTO/MONO : AUTO
- • P.CH : —ch
- • TIME : AM12:00
- # PROG. TIMER(1 AND 2) : WORKING MODE OFF
- : ON=AM12:00
- : OFF=AM12:00
- : MODE=PLAY
- : SOURCE TUNER 01CH
- # PROG.EXECUTION : OFF
- • SLEEP TIMER : OFF
- # O.T.T. : OFF(AM:7:00)

EQUALIZER SECTION
- • EQUALIZER : OFF
- # MANUAL CURVE : FLAT

: backup item

1-1. Initializing

The system is initialized when the power is turning on while pressing the <ENTER> key.

2. DESTINATION LIST OF TUNER

Destination	Band	Frequency Range	Channel space	IF	PLL Frequency	Diode SW			
						DSW3	DSW2	DSW1	DSW0
J1 (90.0)	FM	7 6.0MHz ~ 90.0MHz	100kHz	-10.7MHz	25kHz	0	0	1	0
	AM	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
K2 (1610)	FM	87.5MHz ~ 108.0MHz	100kHz	+10.7MHz	25kHz	0	0	0	1
	AM	530kHz ~ 1610kHz	10kHz	+450kHz	10kHz				
E1	FM	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	25kHz	0	0	1	1
	AM	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
E3 (RDS)	FM	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	25kHz	0	1	0	1
	AM	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
E4 (LW) (RDS)	FM	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	25kHz	0	1	1	0
	MW	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
	LW	153kHz ~ 279kHz	9kHz	+450kHz	9kHz				
Q (RDS)	FML	65.0MHz ~ 74.0MHz	10kHz	+10.7MHz	5kHz	0	1	1	1
	FMH	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	5kHz				
	MW	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
	LW	153kHz ~ 279kHz	9kHz	+450kHz	9kHz				
M	K2/E1 change only setting "DSW1" (DSW1 = 0 : K2, 1 : E1)					0	0	X	1

※ Diode SW(DSWx) : 0 = no diode (static mode, LOW)
1 = diode (static mode, HIGH)
X = Transistor SW (0=OFF/1=ON)

C-H5/H51/H5W/H6/H61/H6W/H7

CIRCUIT DESCRIPTION

3. TUNER Preset channel initial data table

Refer to next page.

4. TEST MODE

4-1 Test mode using the unit key

4-1-1 Setting Test Mode

Turn on the power while pressing <TUNING DOWN> key.

4-1-2 Canceling Test Mode

By turning off the power,the system is initialized and the test mode is canceled.

4-2-1 Contents of Test Mode

1) Automatic Power On
- The power on state is entered whenever the power is turned on while pressing the <TUNING DOWN>key. All function are then initialized.
- Sub clock oscillation check function is performed before the test mode. If the check result is OK, the system enters the test mode. The system will stop to work if oscillation NG and period NG with displaying error code5 and 6.

2) Display All Lighting Mode
- In the test mode, all the letters in display are lighted.
- After that, the all lighting mode is canceled when any key is pressed. The normal display obtained. Selector chooses TUNER mode.

3)Special Function
- In the test mode, rec level and input level are set to max.
- In the test mode, remote control is available.

4) Special Function in Tuner Mode
- Mode key: P.CALL DOWN works
- EQ. EFFECT key: P.CALL UP works.

5) Special Function except TUNER Mode
- BAND key: Selects the source direct on/off cyclically every time this key is pressed.
- MODE key: Selects the main volume, balance, eq.manual, srs 3D level*, rec level and input level cyclically in the order below every time this key is press.

BALANCE → EQ. MANUAL → MAIN VOLUME → SRS LEVEL → REC LEVEL → INPUT LEVEL → BALANCE

∗ SRS 3D off=skip SRS level
- TUNING UP/DOWN key:item selected by MODE key sets to the minimum or maximum an 1 step. However EQ. MANUAL not available.
- AUTO/MONO key: item selected by MODE key is change cyclically in order as follows every time this key is pressed.

BALANCE
CENTER → LEFT MAX. → RIGHT MAX. → CENTER

EQ.MANUAL
FLAT → FULL BOOST → FULL CUT → FLAT

MAIN VOLUME
MAX.(81) → STEP 1(2) → CENTER(40) → MAX.(81)

SRS 3D LEVEL
CENTER(0) → MAX.(+10) → MIN.(-10) → T4 → T3 → T2 → T1 → CENTER(0)

REC LEVEL
MAX.(+2) → MIN.(-2) → CENTER(0) → MAX.(+2)

INPUT LEVEL
MAX.(0) → MIN.(-5) → CENTER(-2) → MAX.(0)

- SLEEP/CHRA key:Set rec level after CCRS. If the key is pressed again,normal function is works.
- EX.BASS key: Selects front or rear display cyclically in the order below every time this key is pressed.

REAR DISPLAY → FRONT DISPLAY → BOTH DISPLAY → REAR DISPLAY

Etc
- O.T.T. key : Selects the mute on/off cyclically every time this key is pressed.

OFF → N.B 1 → N.B 2 → OFF
- ENTER key: Mute on/off
- DISPLAY key: Selects the selector cyclically in the order as follows every time this key is pressed.

TUNER → CD → AUX → MD → TAPE → TUNER

TUNER Preset channel memory

MR	Frequency									
	K1 (1700)		K2 (1610)		E (NO LW)		E (LW)		Q (NO LW)	
1	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
2	FM	97.5MHz	FM	97.5MHz	FM	97.5MHz	FM	97.5MHz	FM	97.5MHz
3	FM	108.0MHz	FM	108.0MHz	FM	108.0MHz	FM	108.0MHz	FM	108.0MHz
4	AM	630kHz	AM	630kHz	AM	630kHz	AM	630kHz	AM	630kHz
5	AM	1000kHz	AM	1000kHz	AM	999kHz	AM	999kHz	AM	999kHz
6	AM	1440kHz	AM	1440kHz	AM	1440kHz	AM	1440kHz	AM	1440kHz
7	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	LW	162kHz	FML	74.0MHz
8	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	LW	216kHz	FML	65.0MHz
9	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	LW	270kHz	FML	69.0MHz
10	FM	89.1MHz	FM	89.1MHz	FM	89.1MHz	FM	89.1MHz	FM	89.1MHz
11	FM	88.0MHz	FM	88.0MHz	FM	88.0MHz	FM	88.0MHz	FM	88.0MHz
12	FM	90.0MHz	FM	90.0MHz	FM	90.0MHz	FM	90.0MHz	FM	90.0MHz
13	FM	98.0MHz	FM	98.0MHz	FM	98.0MHz	FM	98.0MHz	FM	98.0MHz
14	FM	98.5MHz	FM	98.5MHz	FM	98.5MHz	FM	98.5MHz	FM	98.5MHz
15	FM	106.0MHz	FM	106.0MHz	FM	106.0MHz	FM	106.0MHz	FM	106.0MHz
16	AM	530kHz	AM	530kHz	AM	531kHz	AM	531kHz	AM	531kHz
17	AM	990kHz	AM	990kHz	AM	990kHz	AM	990kHz	AM	990kHz
18	AM	1700kHz	AM	1610kHz	AM	1602kHz	AM	1602kHz	AM	1602kHz
19	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	LW	153kHz	FM	87.5MHz
20	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	LW	279kHz	FM	87.5MHz
21	FM	96.3MHz	FM	96.3MHz	FM	96.3MHz	FM	96.3MHz	FM	96.3MHz
22	FM	107MHz	FM	107MHz	FM	107MHz	FM	107MHz	FM	107MHz
23	AM	900kHz	AM	900kHz	AM	900kHz	AM	900kHz	AM	900kHz
24	AM	1350kHz	AM	1350kHz	AM	1350kHz	AM	1350kHz	AM	1350kHz
25	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	LW	225kHz	FM	87.5MHz
26	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
27	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
28	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
29	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
30	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
31	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
40	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz	FM	87.5MHz

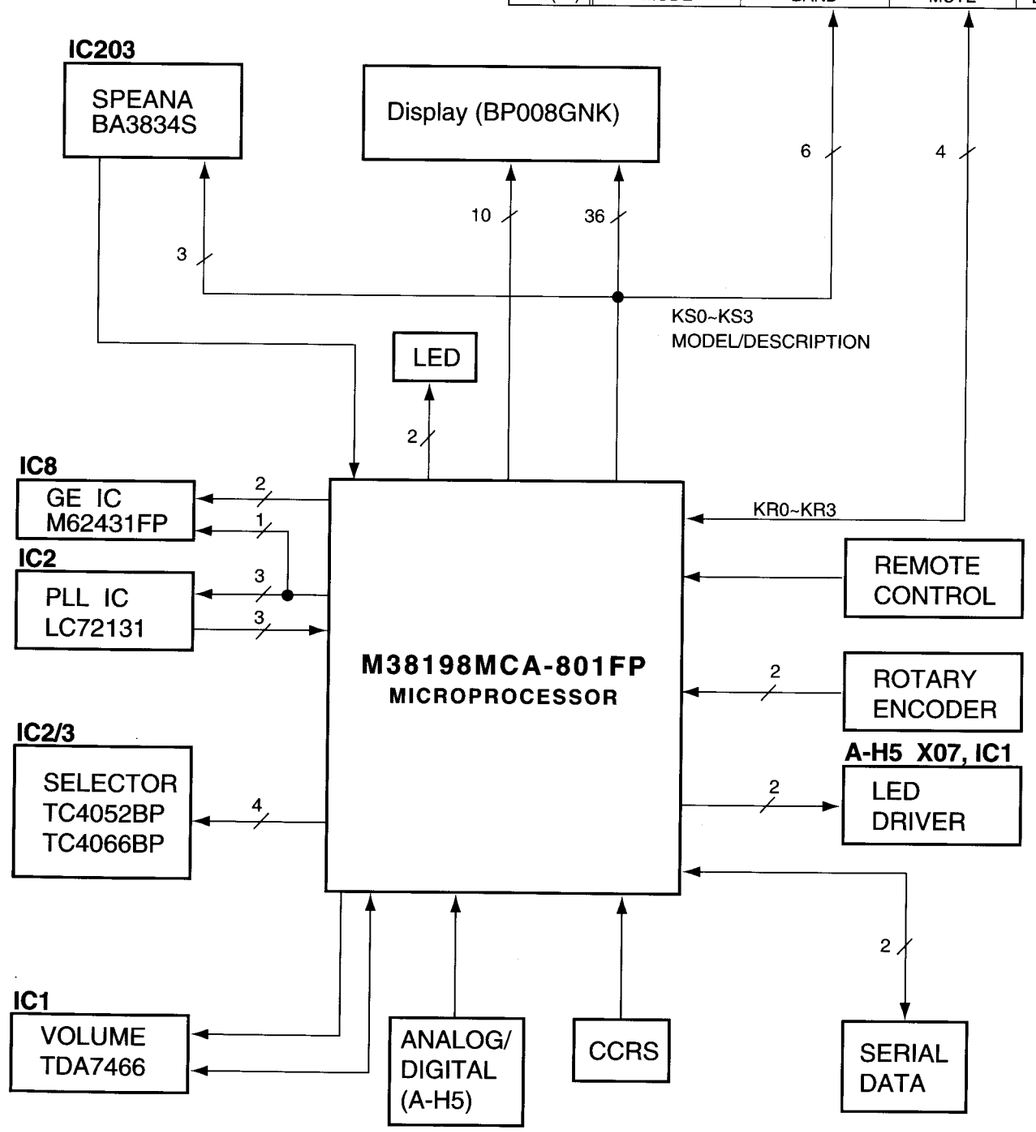
C-H5/H51/H5W/H6/H61/H6W/H7
CIRCUIT DESCRIPTION

5. Microprocessor : M38198MCA-801FP

5-1. Microprocessor periphery block diagram

KEY MATRIX (PORT No.)

	KS0(94)	KR1(93)	KR2(92)	KR3(90)
KR0(44)	EQ. EFFECT	TUNING DOWN	HIT MASTER	RDS DISPLAY
KR0(43)	TUNING UP	ENTER	O.T.T.	———
KR0(42)	DISPLAY/DEMO	AUTO/MONO	SLEEP	SRS 3D
KR0(41)	MODE	BAND	MUTE	EXTRA BASS



CIRCUIT DESCRIPTION

5-2. Pin description

Pin No.	Pin Name	I/O	Description
1	EX.BASS LED	O	Led control for EXTRA BASS,H=ON
2	SRS 3D LED	O	Led control for SRS 3D, H=ON
3	SPEANA	I	Input port of spectrum analyzer data
4	GE ID CLK	O	Clock control of GE IC(C-H6/7 only)
5	GE ID St	O	Strobe control of GE IC(C-H6/7 only)
6	/PLL DO	I	Input port of IF count
7	/CE	O	Chip enable of PLL IC
8	CLK	O	Clock control of PLL IC
9	DT	O	Data control of PLL IC
10	/STEREO	O	Input port of tuner mode(stereo/mono)
11	/SD	O	Input port of tuner reception
12	S-LEVEL	I	Input port of RDS signal level (A/D input),(T,E,Q type only)
12	ECHO LEVEL	O	Level selector of echo IC, L:level-1,H:level-2(M,I,Y type only)
13	RDS-DATA	I	Input port of RDS data(E,T,Q type only)
13	ECHO /ON-OFF	O	On-off selector of echo IC, L:on, H:OFF(M,I,Y type only)
14	CCRS	I	Input port of CCRS level
15	SELF CHECK	I	Detection port of short test
16	AMP A/D	I	Key input port of amp section(A-H5)
17~20	SEL-1~4	O	Control port of selector IC
21	/PILOT	O	Selector port of PILOT-POLA, L:PILOT(Q type only)
22	/MUTE	O	Control port of mute
23	/P.CON	O	Control port of power
24	E-CLK	O	Clock control port of LED driver IC
25	IC2-SDATA	I/O	Data control port of electronics volume IC
26	IC2-SCLK	O	Clock control port of electronics volume IC
27	SBUSY	I/O	Control port of serial busy signal
28	SDATA	I/O	Control port of serial data signal
29	CCW	I	Input port of rotary encoder counter clockwise signal
30	RDS-SLK	I	Clock input port of RDS IC(E,T,Q type)
31	E-DT	O	Data control of LED driver IC
32	REM	I	Input port of remote control
33	CW	I	Input port of rotary encoder clockwise signal
34	/CE	I	Chip enable
35	/RESET	I	Input port of reset signal
36	XCIN	I	Input port of clock generator for watch
37	XCOUT	O	Output port of clock generator for watch
38	XIN	I	Input port of clock generator for main circuit
39	XOUT	O	Output port of clock generator for main circuit
40	Vss	–	GND
41~44	KR3~0	I	Key return input port
45~54	DIGIT0~9	O	Digit output
55~60	DIGIT10~15	O	No use
61~87	SEGMENT0~26	O	Segment output
88	SEGMENT27	O	Tuner destination selector
89	SEGMENT 28	O	Model selector
90	SEGMENT29	O	Key scan output3
91	Vcc	–	Power supply
92~94	SEGMENT30~32	O	Key scan output2~0
95~97	SEGMENT33~35	O	Selector output port of spean IC
98	Vee	I	-30V power supply
99	Avss	I	Converter gnd of A/D and D/A
100	VREF	I	Standard voltage of A/D and D/A converter

C-H5/H51/H5W/H6/H61/H6W/H7

ADJUSTMENT

FM SECTION INPUT SELECTOR : FM MODE

X05-4650

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98 MHZ, 60dBμ (ANT INPUT) 1 kHz, ±40 kHz DEV : E/T/Q TYPE 1 kHz, ±75 kHz DEV (OTHER TYPE)	Connect a DC voltmeter between pin 1 and pin2 of CN2.	MONO 98.0 MHz	L31	0V	(a)
					L32 (EXCEPT K/P)	Minimum distortion.	
2	DISTORTION (STEREO)	(A) 98 MHz, 60dBμ (ANT INPUT) 1 kHz, ±40 kHz DEV : E/T/Q TYPE 1 kHz, ±67.5 kHz DEV PILOT ±7.5 kHz DEV OTHER TYPE	(B)	AUTO 98.0 MHz	T 1 (A1)	Minimum distortion.	(a)

X05-4660

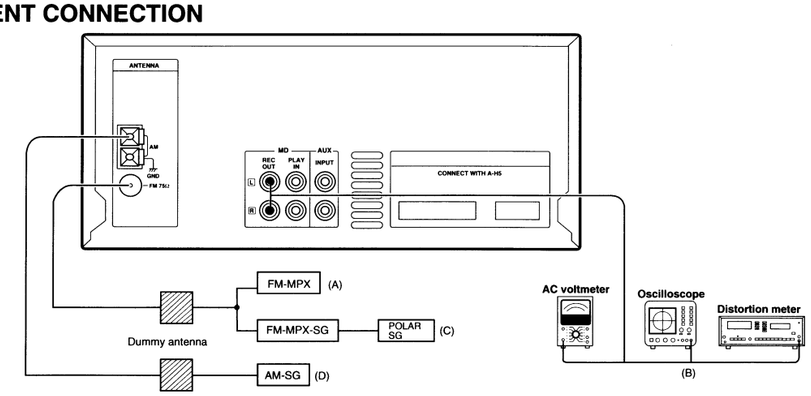
NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISTORTION (STEREO)	(A) 98 MHz, 60dBμ (ANT INPUT) 1 kHz, ±67.5 kHz DEV PILOT: ±7.5 kHz DEV	(B)	AUTO 98.0 MHz	T1 (A1)	Minimum distortion.	

POLAR UNIT

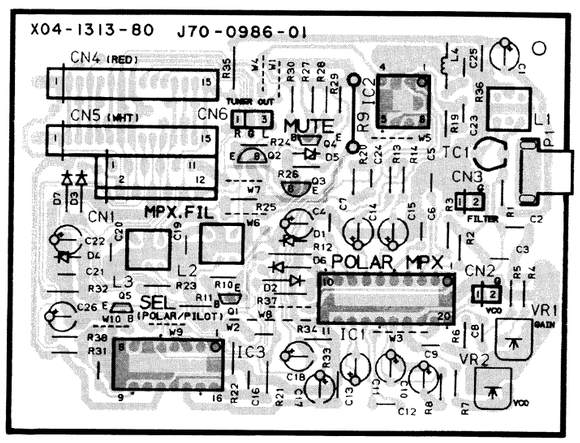
X04-1313-xx Q TYPE (65MHz~74MHz BAND)

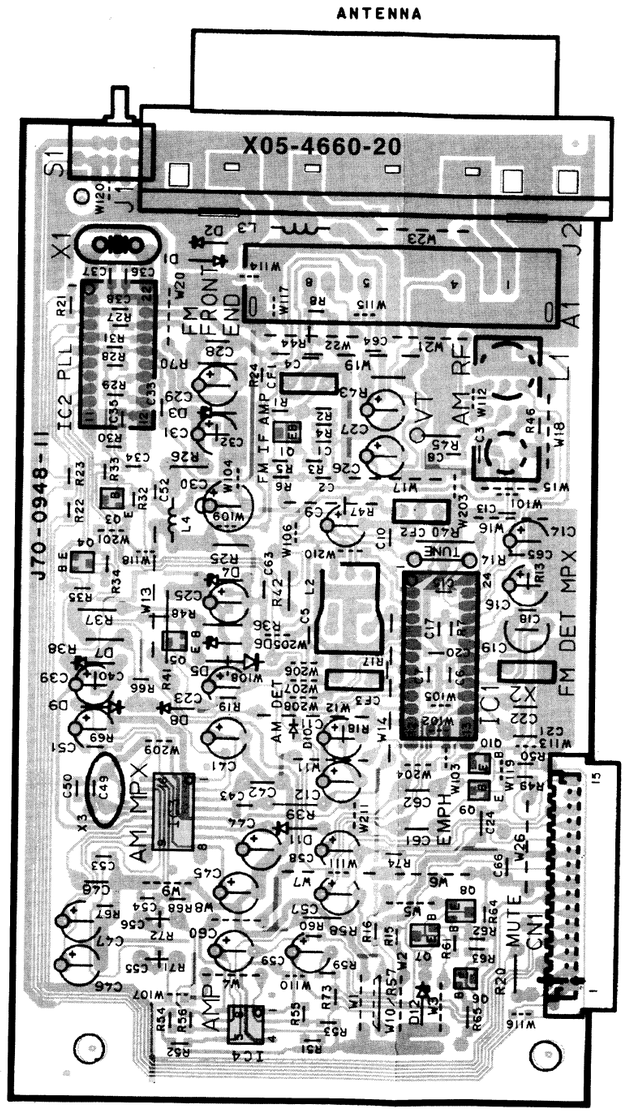
N0.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	VCO	(C) 69 MHz, 60 dBμ (ANT INPUT) 1 kHz, 0 kHz DEV SUB, 0 kHz DEV	Connect a frequency counter to VCO monitor (CN2).	AUTO 69 MHz	VR 2	Adjust it the frequency counter reads 31.25 kHz ±100 kHz.	
2	SEPARATION	(C) 69 MHz, 60 dBμ (ANT INPUT) 1 kHz, 40 kHz DEV SUB, 10 kHz DEV Select : L or R	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	TC 1	Minimum crosstalk.	
3	SEPARATION	(C) SAME AS ABOVE	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	VR 1	Minimum crosstalk.	

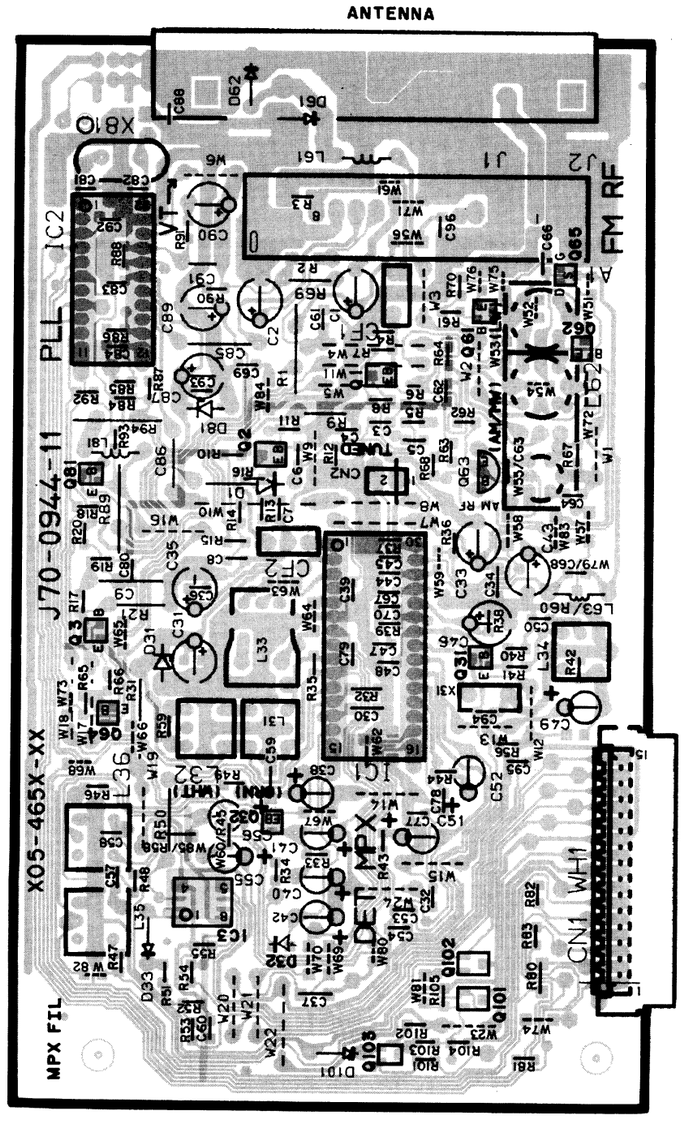
INSTRUMENT CONNECTION



PC BOARD(Component side view)

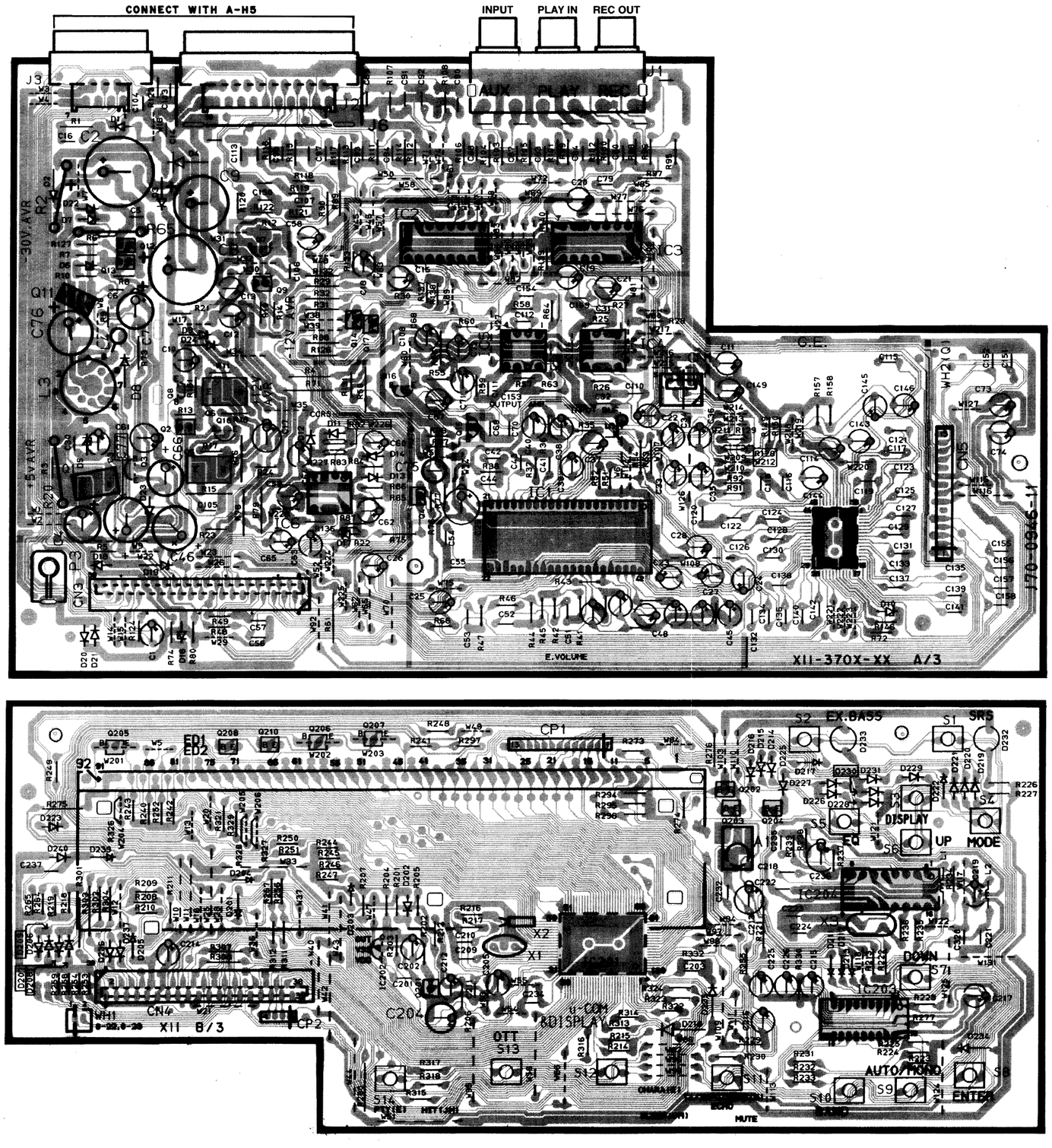


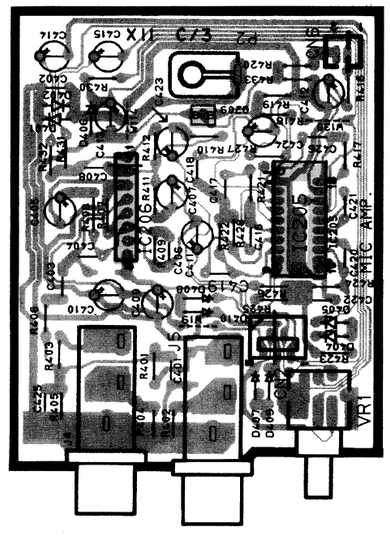




Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)





Refer to the schematic diagram for the value of resistors and capacitors.

(X05-466X-XX) M,I,Y,K TYPE

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM mode.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.1V
	HF	7.2V
AM	LF	1.2V
	HF	4.8V

SIGNAL LINE
GND LINE
+B LINE
-B LINE

IC1 : LA1832
IC2 : LC72131
IC4 : NJM4565M

Q1 : 2SC2714(R,O)
Q3 : 2SB1218A(Q,R) or 2SA1576A(R,S)
Q5,9,10 : 2SD1819A(Q,R) or 2SC4081(R,S)

D1,2,8 : 1SS133 or HSS104
D3,4 : MTZJ5.1(B) or UZ-5.1BSB
D10 : MA111

A1 (W02-2539-05) FM FRONT END

TR1 :2SK360
TR2~4 :2SC2413K or 2SC2778
D1~3 :1SV225 or HVM16

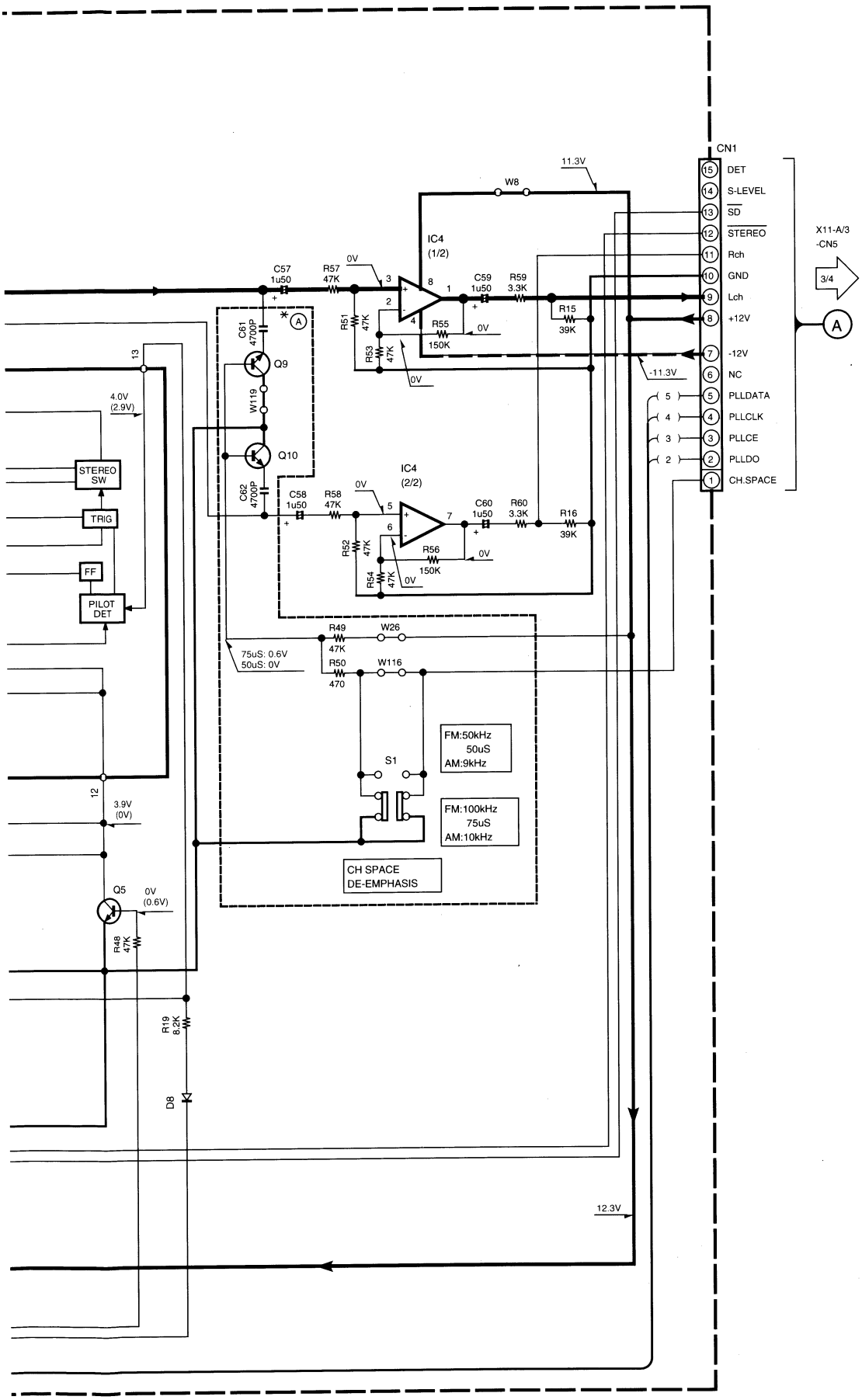
IC1 AM/FM SYSTEM IC

IC2 PLL

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

C-H7 (X05-466X-XX)

DESTINATION		UNIT No.	Ⓐ	C21, 22	W115
COUNTRY	ABB.				
U.S.A.	K	0-12	NO	0.016	NO
GENARAL MARKET	M	0-21	YES	0.011	YES



C-H7/H61/H51(M) (1/4)

C-H61/H51 (X05-466X-XX)

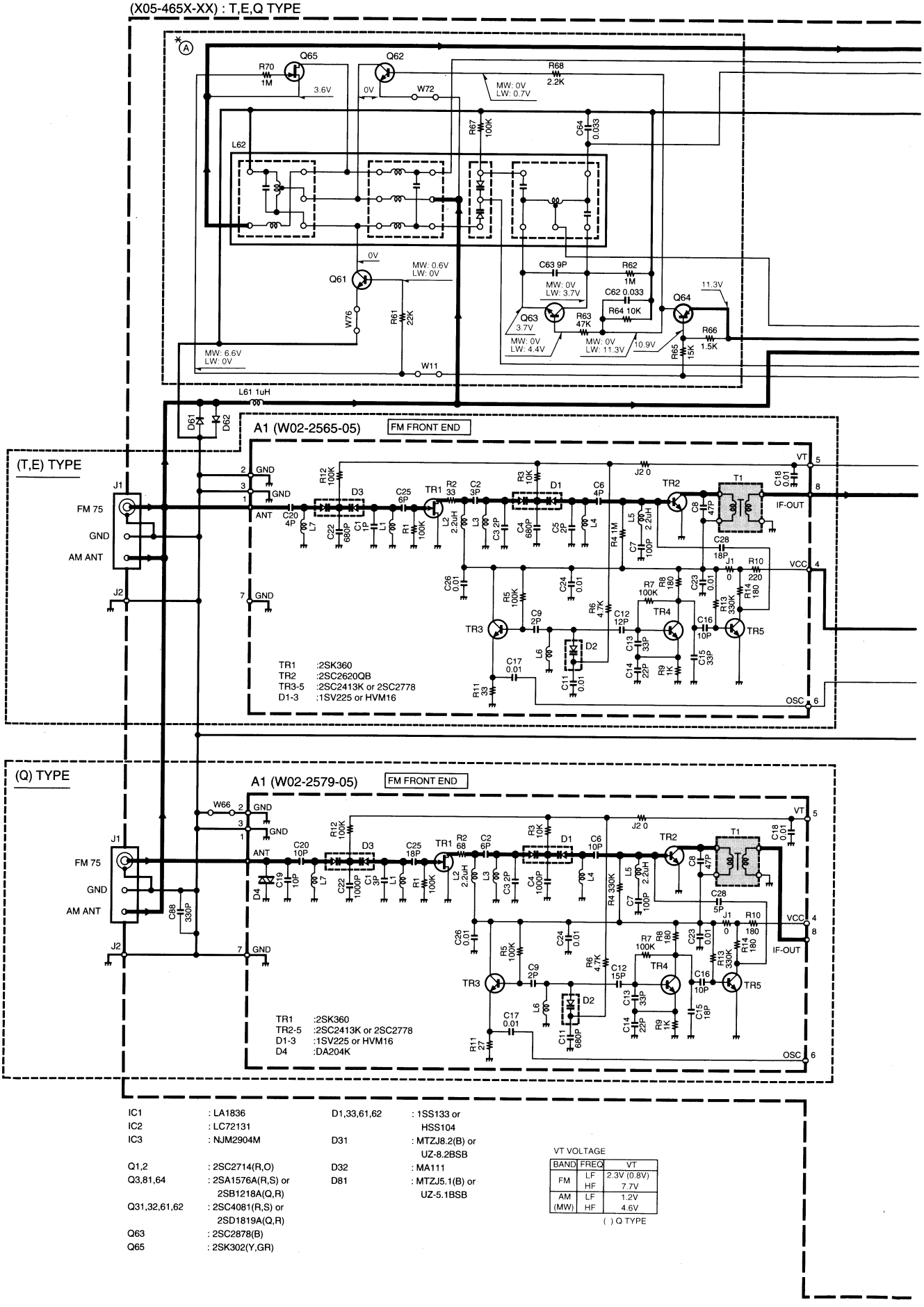
DESTINATION		UNIT No.	Ⓐ	C21, 22	W115
COUNTRY	ABB.				
PX	Y	0-21	YES	0.011	YES
GENARAL MARKET	M				
MALAYSIA	I				

Y08-5602-70

C-H5/H51/H5W/H6/H61/H6W/H7

KENWOOD

(X05-465X-XX) : T,E,Q TYPE

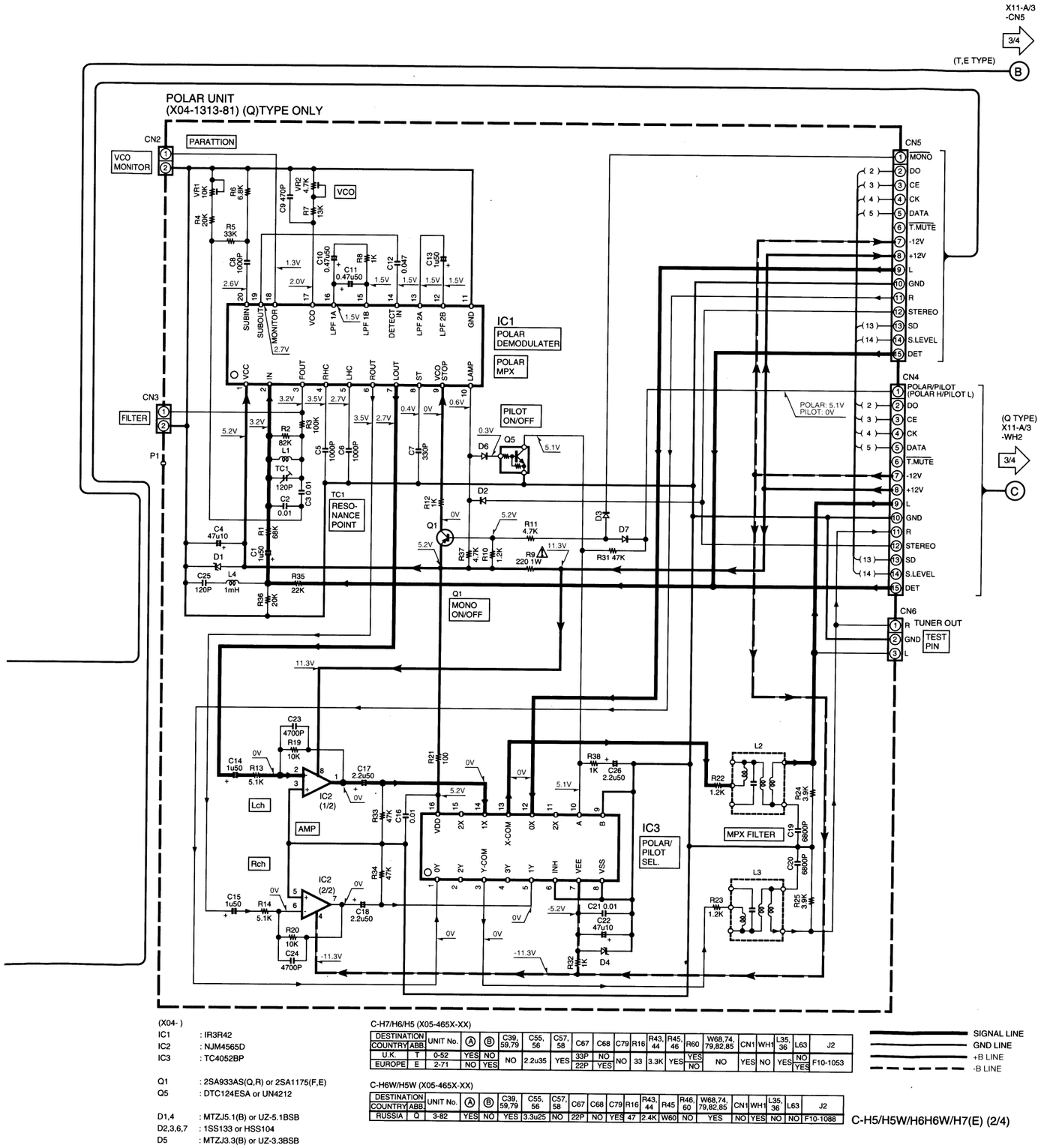


IC1	: LA1836	D1,33,61,62	: 1SS133 or HSS104
IC2	: LC72131		
IC3	: NJM2904M	D31	: MTZJ8.2(B) or UZ-8.2BSB
Q1,2	: 2SC2714(R,O)	D32	: MA111
Q3,81,64	: 2SA1576A(R,S) or 2SB1218A(Q,R)	D81	: MTZJ5.1(B) or UZ-5.1BSB
Q31,32,61,62	: 2SC4081(R,S) or 2SD1819A(Q,R)		
Q63	: 2SC2878(B)		
Q65	: 2SK302(Y,GR)		

VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.3V (0.8V)
	HF	7.7V
AM (MW)	LF	1.2V
	HF	4.6V

( ) Q TYPE



(X04-)
IC1 : IR3R42
IC2 : NJM4565D
IC3 : TC4052BP

Q1 : 2SA933AS(Q,R) or 2SA1175(F,E)
Q5 : DTC124ESA or UN4212

D1,4 : MTZJ5.1(B) or UZ-5.1BSB
D2,3,6,7 : 1SS133 or HSS104
D5 : MTZJ3.3(B) or UZ-3.3BSB

C-H7/H6/H5 (X05-465X-XX)

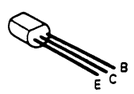
DESTINATION		UNIT No.	Ⓐ	Ⓑ	C39, 59,79	C55, 56	C57, 58	C67	C68	C79	R16	R43, 44	R45, 46	R60	W68,74, 79,82,85	CN1	WH1	L35, 36	L63	J2
COUNTRY	ABB.																			
U.K.	T	0-52	YES	NO	NO	2.2u35	YES	33P	NO	NO	33	3.3K	YES	YES	NO	YES	NO	YES	NO	F10-1053
EUROPE	E	2-71	NO	YES				22P	YES					NO					YES	

C-H6W/H5W (X05-465X-XX)

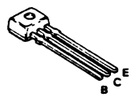
DESTINATION		UNIT No.	Ⓐ	Ⓑ	C39, 59,79	C55, 56	C57, 58	C67	C68	C79	R16	R43, 44	R45	R46, 60	W68,74, 79,82,85	CN1	WH1	L35, 36	L63	J2
COUNTRY	ABB.																			
RUSSIA	O	3-82	YES	NO	YES	3.3u25	NO	22P	NO	YES	47	2.4K	W60	NO	YES	NO	YES	NO	NO	F10-1088

C-H5/H5W/H6H6W/H7(E) (2/4)

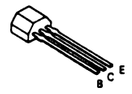
2SA1534A2
SA954
2SC1845
2SC2878
2SC3940A



2SA11752
SC2785



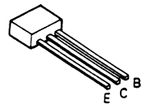
DTC124ESA2
SC1740S



2SB1218A
2SC2714
2SC4081
2SD1819A

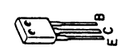
2SD2061

UN4212
UN4219

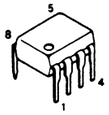


2SD2012

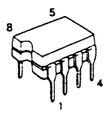
2SB1168



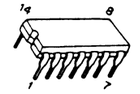
NJM4565D



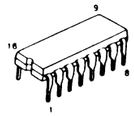
BA15218-DX



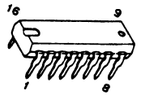
BU4066BCTC
4066BP



TC4052BP

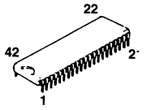


SAA6579

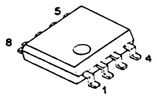


NJM4580D-D

TDA7466

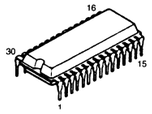


NJM2904M
NJM4565M

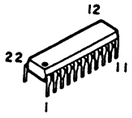


2SK302

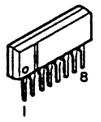
LA1836



LC72131

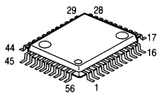


NJM4565L-D

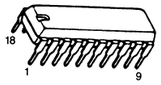


LA1832

M62431FP



BA3834S
BU9253AS



CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

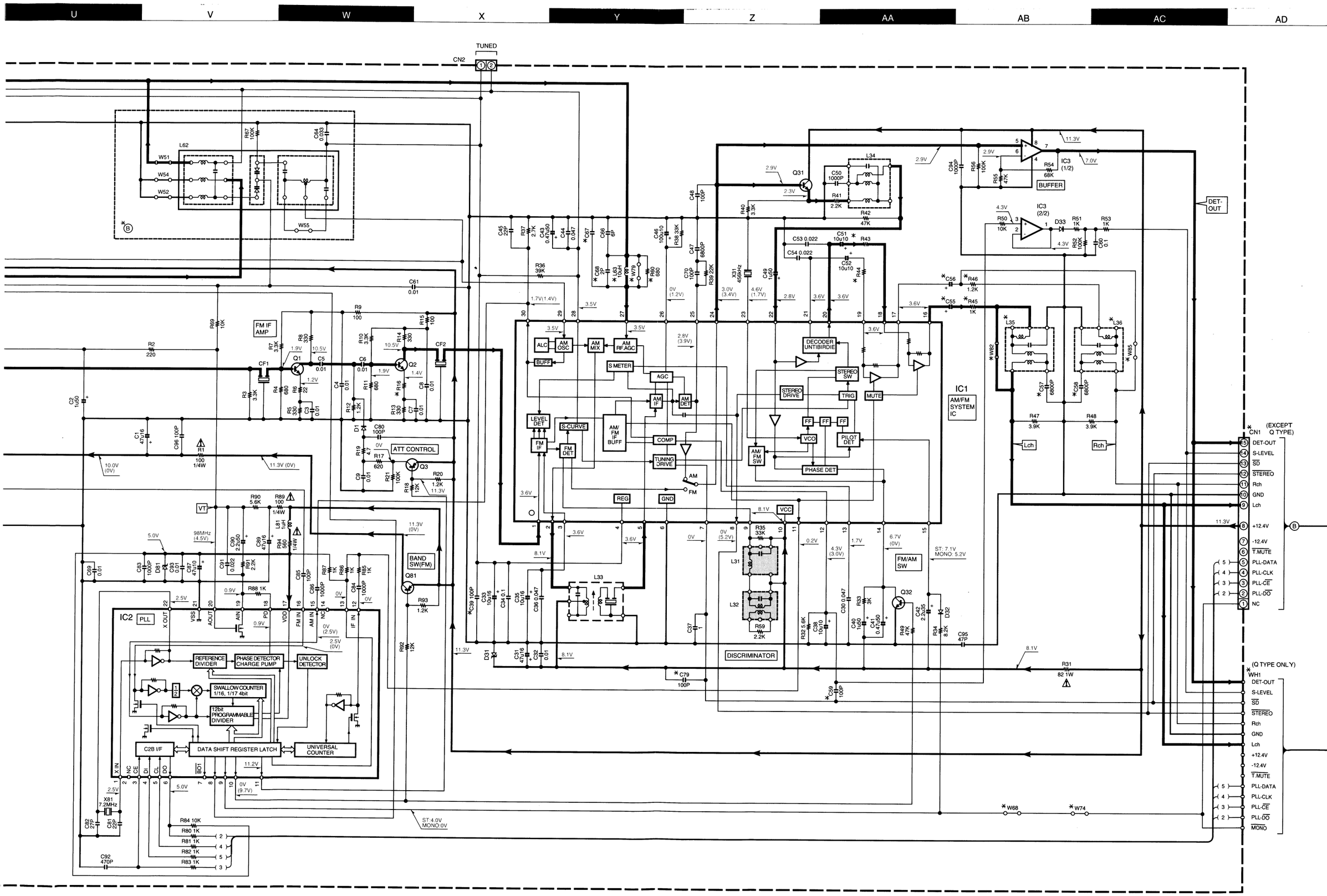
The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM mode.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

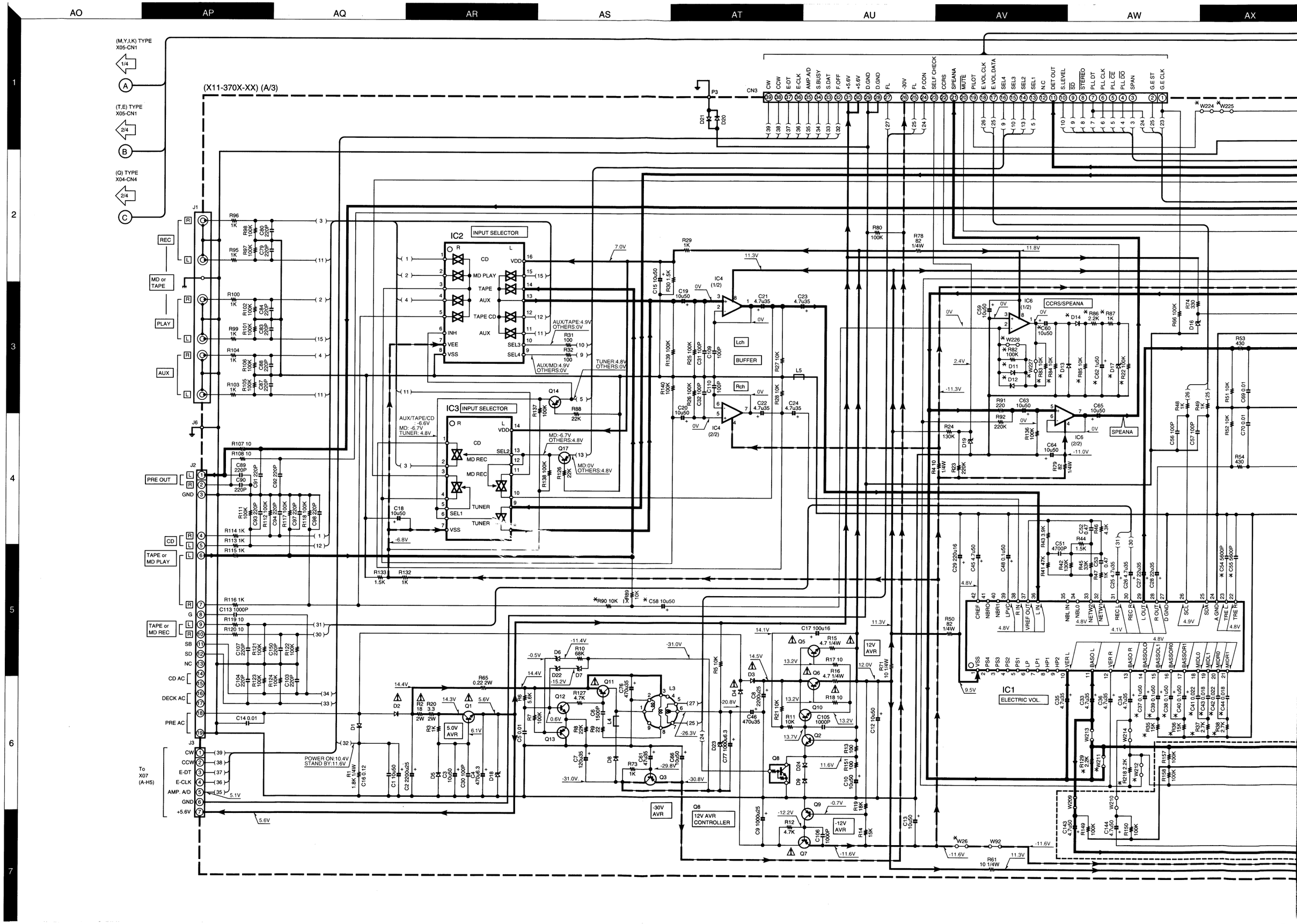
Y08-5602-70

C-H5/H51/H5W/H6/H61/H6W/H7

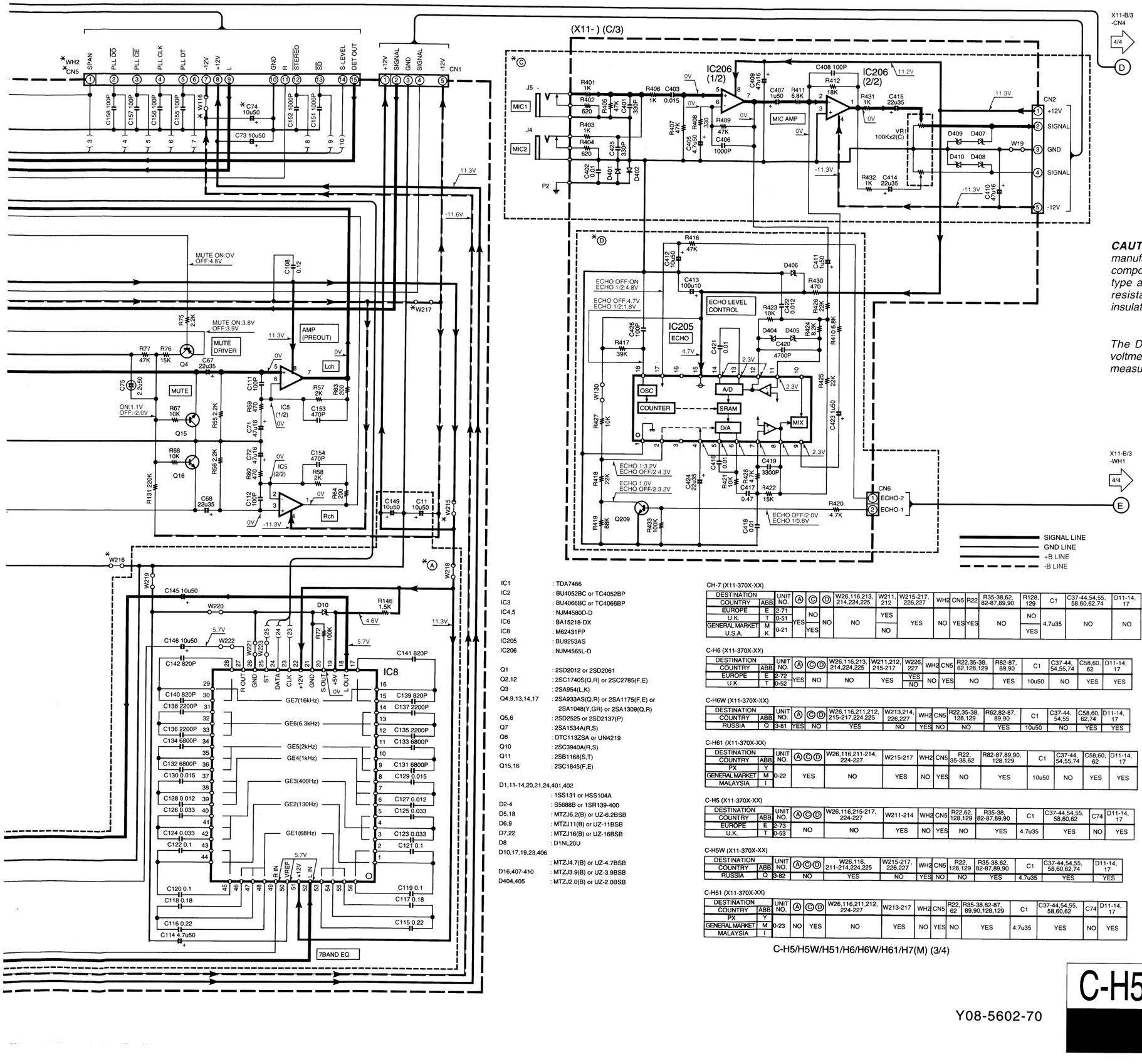
KENWOOD



U
V
W
X
Y
Z
AA
AB
AC
AD
TUNED
CN2
L62
W51
W54
W52
W55
FM IF AMP
ATT CONTROL
BAND SW(FM)
IC2
PLL
REFERENCE DIVIDER
PHASE DETECTOR CHARGE PUMP
UNLOCK DETECTOR
SWALLOW COUNTER 1/16, 1/17 4bit
12bit PROGRAMMABLE DIVIDER
C2B I/F
DATA SHIFT REGISTER LATCH
UNIVERSAL COUNTER
ALC
AM OSC
AM MIX
AM RF AGC
BUFF
S METER
AGC
AM IF
AM DET
LEVEL DET
S-CURVE
FM IF
FM DET
AM/FM IF BUFF
COMP
TUNING DRIVE
REG
GND
DECODER UNTIBIRDIE
STEREO SW
STEREO DRIVE
TRIG
MUTE
FF
VCO
PILOT DET
AM/FM SW
PHASE DET
VCC
IC1
AM/FM SYSTEM IC
DISCRIMINATOR
FM/AM SW
BUFFER
IC3 (1/2)
IC3 (2/2)
DET-OUT
Lch
Rch
CN1 (EXCEPT Q TYPE)
DET-OUT
S-LEVEL
SD
STEREO
Rch
GND
Lch
+12.4V
-12.4V
T.MUTE
PLL-DATA
PLL-CLK
PLL-CE
PLL-DO
NC
(Q TYPE ONLY)
WH1
DET-OUT
S-LEVEL
SD
STEREO
Rch
GND
Lch
+12.4V
-12.4V
T.MUTE
PLL-DATA
PLL-CLK
PLL-CE
PLL-DO
MONO



AO
AP
AQ
AR
AS
AT
AU
AV
AW
AX
(M,Y,I,K) TYPE X05-CN1
(T,E) TYPE X05-CN1
(Q) TYPE X04-CN4
(X11-370X-XX) (A/3)
REC
MD or TAPE
PLAY
AUX
PRE OUT
CD
TAPE or MD PLAY
TAPE or MD REC
CD AC
DECK AC
PRE AC
To X07 (A-H5)
IC2 INPUT SELECTOR
IC3 INPUT SELECTOR
CCRS/SPEANA
SPEANA
BUFFER
IC1 ELECTRIC VOL.
Q8 12V AVR CONTROLLER
12V AVR
-30V AVR
-12V AVR
5.0V AVR
POWER ON:10.4V STAND BY:11.6V



CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

IC1	: TDA7466
IC2	: BU4052BC or TC4052BP
IC3	: BU4066BC or TC4066BP
IC4,5	: NJM4580D-D
IC6	: BA15218-DX
IC8	: M62431FP
IC205	: BU9253AS
IC206	: NJM4565L-D
Q1	: 2SD2012 or 2SD2061
Q2,12	: 2SC1740S(Q,R) or 2SC2785(F,E)
Q3	: 2SA954(L,K)
Q4,9,13,14,17	: 2SA933AS(Q,R) or 2SA1175(F,E) or 2SA1048(Y,GR) or 2SA1309(Q,R)
Q5,6	: 2SD2525 or 2SD2137(P)
Q7	: 2SA1534A(R,S)
Q8	: DTC113ZSA or UN4219
Q10	: 2SC3940A(R,S)
Q11	: 2SB1168(S,T)
Q15,16	: 2SC1845(F,E)
D1,11-14,20,21,24,401,402	: 1SS131 or HSS104A
D2-4	: S5688B or 1SR139-400
D5,18	: MTZJ6.2(B) or UZ-6.2BSB
D6,9	: MTZJ11(B) or UZ-11BSB
D7,22	: MTZJ16(B) or UZ-16BSB
D8	: D1NL20U
D10,17,19,23,406	: MTZJ4.7(B) or UZ-4.7BSB
D16,407-410	: MTZJ3.9(B) or UZ-3.9BSB
D404,405	: MTZJ2.0(B) or UZ-2.0BSB

CH-7 (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116,213, 214,224,225	W211, 212	W215-217, 226,227	WH2	CN5	R22	R35-38,62, 82-87,89,90	R128, 129	C1	C37-44,54,55, 58,60,62,74	D11-14, 17
COUNTRY	ABB															
EUROPE	E	2-71	YES	NO	NO	NO	YES	YES	NO	YES	YES	NO	NO	4.7u35	NO	NO
U.K.	T	0-51											YES			
GENERAL MARKET	M	0-21		YES			NO									
U.S.A.	K															

C-H6 (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116,213, 214,224,225	W211,212, 215-217	W226, 227	WH2	CN5	R22,35-38, 62,128,129	R82-87, 89,90	C1	C37-44, 54,55,74	C58,60, 62	D11-14, 17
COUNTRY	ABB															
EUROPE	E	2-72	YES	NO		NO	YES	YES	NO	YES	NO	YES	10u50	NO	YES	YES
U.K.	T	0-52						NO								

C-H6W (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116,211,212, 215-217,224,225	W213,214, 226,227	WH2	CN5	R22,35-38, 128,129	R62,82-87, 89,90	C1	C37-44, 54,55	C58,60, 62,74	D11-14, 17
COUNTRY	ABB														
RUSSIA	Q	3-81	YES	NO		YES	NO	YES	NO	NO	YES	10u50	NO	YES	YES

C-H61 (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116,211-214, 224-227	W215-217	WH2	CN5	R22, 35-38,62	R82-87,89,90, 128,129	C1	C37-44, 54,55,74	C58,60, 62	D11-14, 17
COUNTRY	ABB														
PX	Y														
GENERAL MARKET	M	0-22	YES			NO	YES	NO	YES	NO	YES	10u50	NO	YES	YES
MALAYSIA	I														

C-H5 (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116,215-217, 224-227	W211-214	WH2	CN5	R22,62, 128,129	R35-38, 82-87,89,90	C1	C37-44,54,55, 58,60,62	C74	D11-14, 17
COUNTRY	ABB														
EUROPE	E	2-73	NO			NO	YES	NO	YES	NO	YES	4.7u35	YES	NO	YES
U.K.	T	0-53													

C-H5W (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116, 211-214,224,225	W215-217, 226,227	WH2	CN5	R22, 128,129	R35-38,62, 82-87,89,90	C1	C37-44,54,55, 58,60,62,74	D11-14, 17
COUNTRY	ABB													
RUSSIA	Q	3-82	NO			YES	NO	YES	NO	NO	YES	4.7u35	YES	YES

C-H51 (X11-370X-XX)

DESTINATION		UNIT NO.	Ⓐ	Ⓒ	Ⓓ	W26,116,211,212, 224-227	W213-217	WH2	CN5	R22, 62	R35-38,82-87, 89,90,128,129	C1	C37-44,54,55, 58,60,62	C74	D11-14, 17
COUNTRY	ABB														
PX	Y														
GENERAL MARKET	M	0-23	NO	YES		NO	YES	NO	YES	NO	YES	4.7u35	YES	NO	YES
MALAYSIA	I														

C-H5/H5W/H51/H6/H6W/H61/H7(M) (3/4)

Y08-5602-70

C-H5/H51/H5W/H6/H61/H6W/H7

KENWOOD

C-H7 (11-370X-XX)

DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221, 222	R241-243, 326-328	Q5-7, 205-207	Q204	Q209	D225	D226, 227	D228	D229	D230	D231	ED1	ED2	S11	S12	S14
COUNTRY	ABB.																				
EUROPE	E	2-71	YES	NO	NO	NO	YES	YES	NO	NO	NO	NO	YES	YES	NO	YES	YES	NO	TA/INFO /NEWS	RDS. DISP.	PTY
U.K.	T	0-51												YES	NO						
GENERAL MARKET U.S.A.	M K	0-21	NO			YES			YES		YES			NO	NO	YES			MUTE	SLEEP	HITMASTER

C-H6 (11-370X-XX)

DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221 222	R241-243, 326-328	Q5-7, 205-207	Q204, 209	D225,226, 228	D227, 229	D230	D231	ED1	ED2	S11	S12	S14
COUNTRY	ABB.																	
EUROPE	E	2-72	YES	NO	NO	NO	YES	YES	NO	NO	YES	NO	YES	YES	NO	TA/INFO /NEWS	RDS DISP	PTY
U.K.	T	0-52										YES	NO					

C-H6W (11-370X-XX)

DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221, 222	R241-243, 326-328	Q5-7, 205-207	Q204, 209	D225,226, 228	D227, 229-231	ED1	ED2	S11	S12	S14
COUNTRY	ABB.															
RUSSIA	Q	3-81	YES	NO	NO	NO	YES	YES	NO	NO	YES	YES	NO	TA/INFO /NEWS	RDS DISP	PTY

C-H61 (11-370X-XX)

DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221, 222	R241-243, 326-328	Q5-7, 204-207,209	D225,227, 231	D226,228, 229,230	ED1	ED2	S11	S12	S14
COUNTRY	ABB.														
PX GENERAL MARKET MALAYSIA	Y M I	0-22	NO	YES	NO	YES	YES	YES	YES	NO	YES	NO	ECHO	SLEEP	HITMASTER

C-H5 (11-370X-XX)

DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221, 222	R241-243, 326-328	Q5-7, 204-207,209	D225, 227,228	D226, 229	D230	D231	ED1	ED2	S11	S12	S14
COUNTRY	ABB.																
EUROPE	E	2-73	YES	NO	YES	NO	NO	NO	NO	YES	NO	YES	NO	YES	TA/INFO /NEWS	RDS DISP	PTY
U.K.	T	0-53									YES	NO					

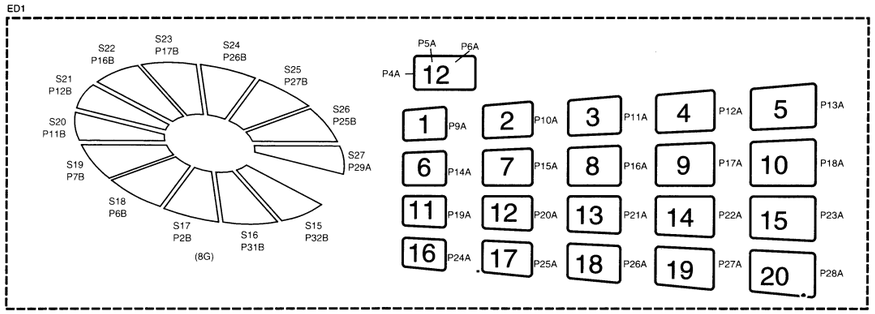
C-H5W (11-370X-XX)

DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221, 222	R241-243, 326-328	Q5-7, 204-207,209	D225,227, 228	D226, 229-231	ED1	ED2	S11	S12	S14
COUNTRY	ABB.														
RUSSIA	Q	3-82	YES	NO	YES	NO	NO	NO	NO	YES	NO	YES	TA/INFO /NEWS	RDS DISP	PTY

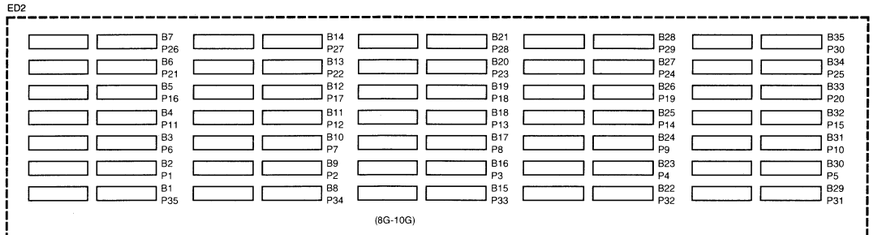
C-H51 (11-370X-XX)

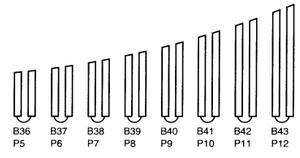
DESTINATION		UNIT No.	Ⓑ	WH1	W201 -206	R221, 222	R241-243, 326-328	Q5-7, 204-207	Q209	D225,226, 231	D227-230	ED1	ED2	S11	S12	S14
COUNTRY	ABB.															
PX GENERAL MARKET MALAYSIA	Y M I	0-23	NO	YES	YES	YES	NO	NO	YES	YES	NO	NO	YES	ECHO	SLEEP	HITMASTER

ED1



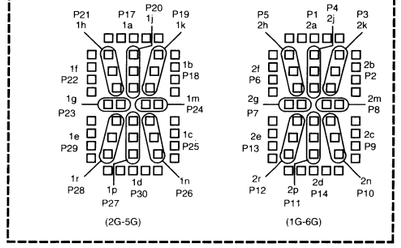
ED2





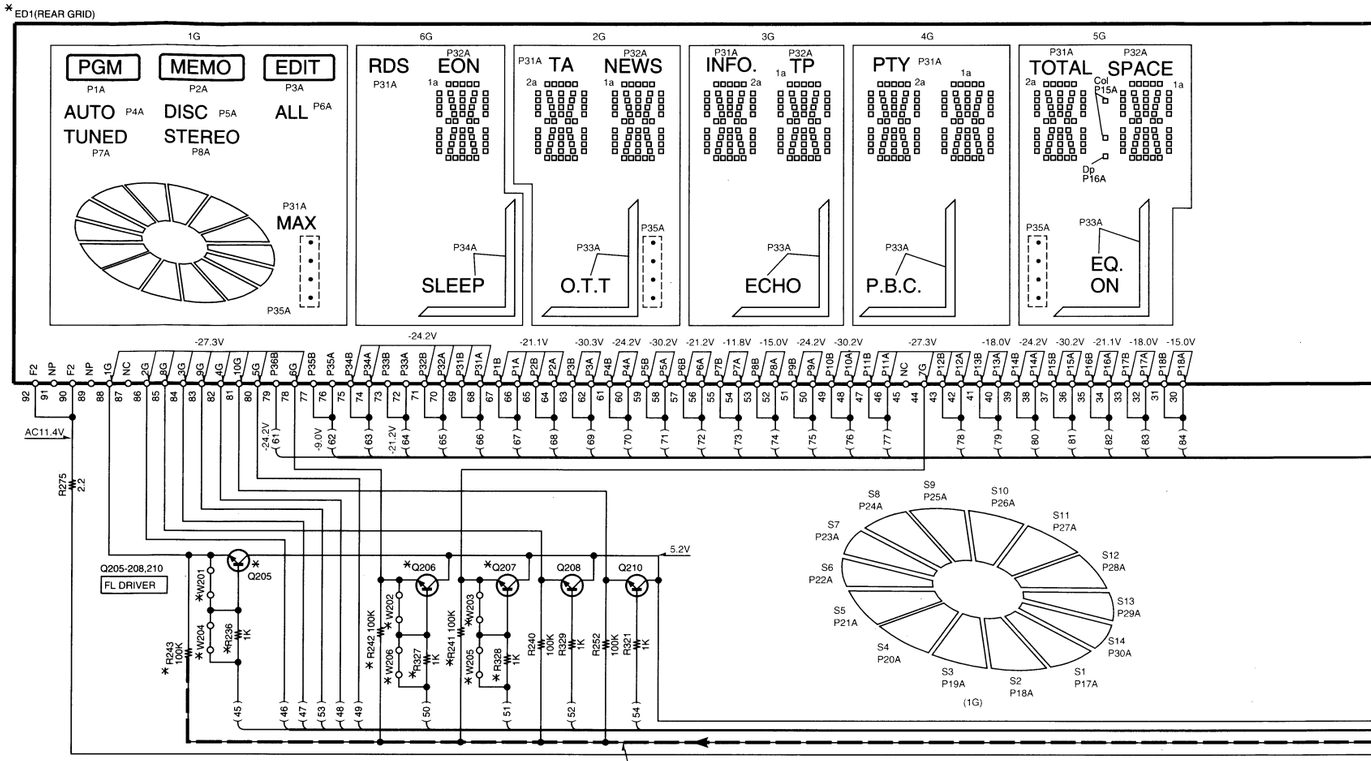
X11-A/3 -CN3 3/4 D

X11-C/3 -CN6 3/4 E

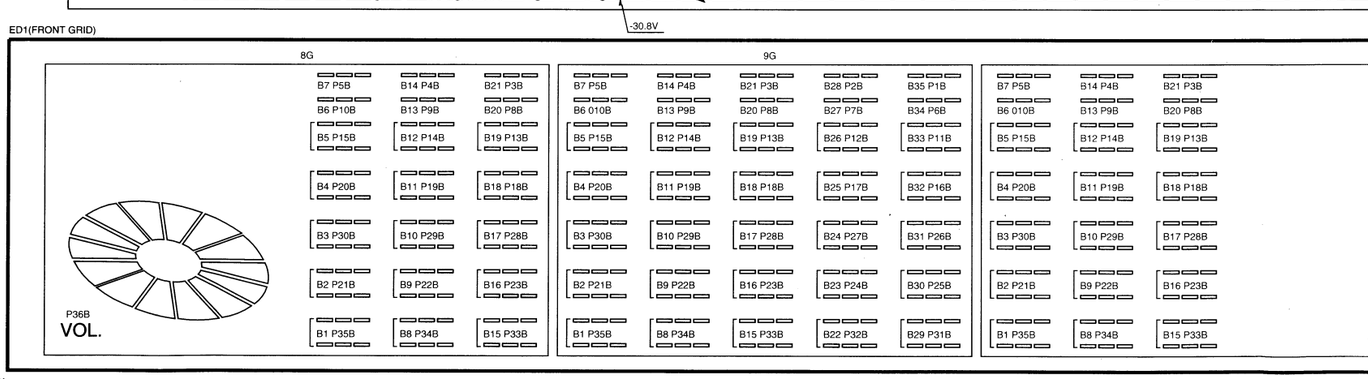


(X11-370X-XX) (B/3)

ED1(REAR GRID)



ED1(FRONT GRID)



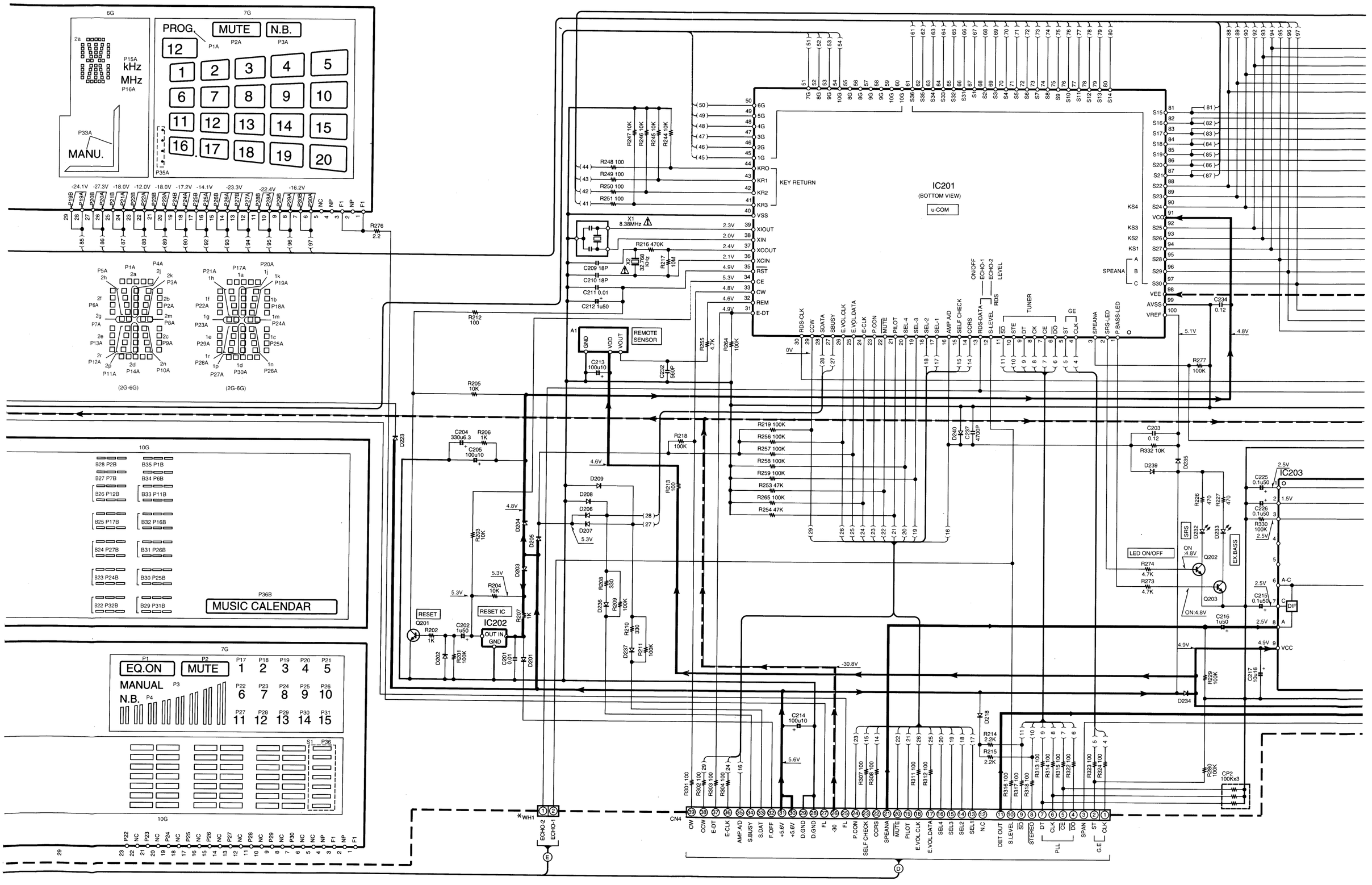
ED2

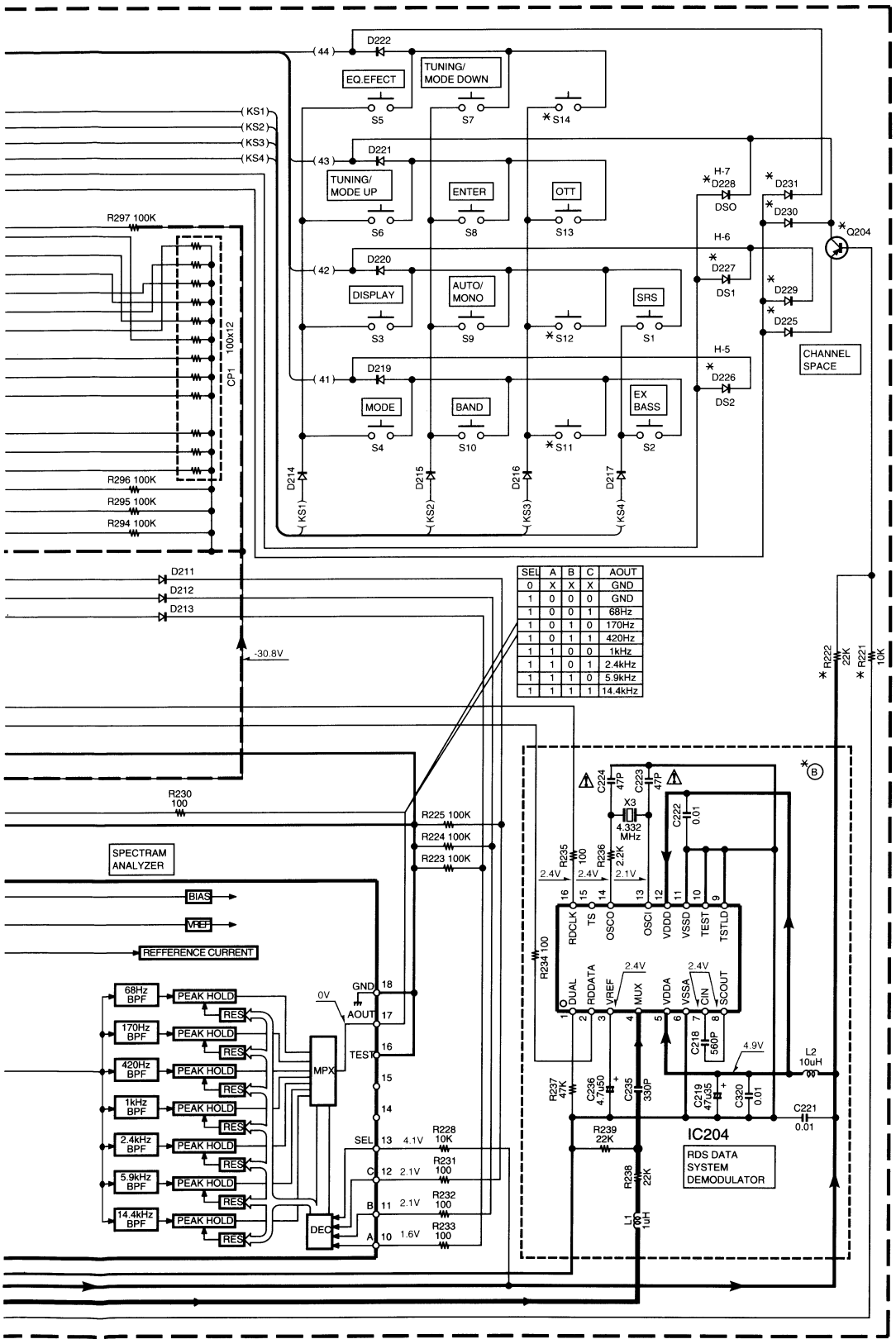
6G
7G
PROG.
MUTE
N.B.
P1A
P2A
P3A
12
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19 20
P35A
2a
P15A
kHz
MHz
P16A
P33A
MANU.
-24.1V -27.3V -18.0V -12.0V -18.0V -17.2V -14.1V -23.3V -22.4V -16.2V
P19B P19A P20B P20A P21B P21A P22B P22A P23B P23A P24B P24A P25B P25A P26B P26A P27B P27A P28B P28A P29B P29A P30B P30A NC NP F1 NP F1
29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
65 66 67 68 69 90 92 93 94 95 96 97
R276 2.2

P4A
P5A P1A 2a 2j 2k P3A
2h
2f P6A
2b P2A
2g P7A
2m P8A
2e P13A
2c P9A
2r P12A
2p P11A
2d P14A
2n P10A
(2G-6G)
P21A 1h
P17A 1a
P20A 1j 1k P19A
1f P22A
1b P18A
1g P23A
1m P24A
1e P29A
1c P25A
1r P28A
1p P27A
1d P30A
1n P26A
(2G-6G)

10G
B28 P2B
B27 P7B
B26 P12B
B25 P17B
B24 P27B
B23 P24B
B22 P32B
B35 P1B
B34 P6B
B33 P11B
B32 P16B
B31 P26B
B30 P25B
B29 P31B
P36B
MUSIC CALENDAR

7G
P1
EQ.ON
P2
MUTE
MANUAL P3
N.B. P4
P17 1 P18 2 P19 3 P20 4 P21 5
P22 6 P23 7 P24 8 P25 9 P26 10
P27 11 P28 12 P29 13 P30 14 P31 15
S1 P36
10G
P22 NC P23 NC P24 NC P25 NC P26 NC P27 NC P28 NC P29 NC P30 NC NC NP F1 NP F1
29 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1


IC201
(BOTTOM VIEW)
u-COM
KEY RETURN
KRO KR1 KR2 KR3
R247 10K R246 10K R245 10K R244 10K
R248 100 R249 100 R250 100 R251 100
X1 8.38MHz
R216 470K
X2 32.768 KHz
R217 10M
C209 18P C210 18P C211 0.01 C212 1u50
XIOUT XIN XCOUT XCIN RST CE CW REM E-DT
2.3V 2.0V 2.4V 2.1V 4.9V 5.3V 4.8V 4.6V 4.9V
VSS
R212 100
A1
GND VDD VOUT
REMOTE SENSOR
C213 100u10
C232 560P
R255 4.7K
R264 100K
R205 10K
C204 330u6.3
R206 1K
C205 100u10
D223
R218 100K
R219 100K
R256 100K
R257 100K
R258 100K
R259 100K
R253 47K
R265 100K
R254 47K
D240
C237 4700P
4.6V
D209
D208
D206
D207
5.3V
R213 100
4.8V
R203 10K
D204
D205
D203
5.3V
R204 10K
R208 330
D236
R209 100K
R210 330
D237
R211 100K
RESET
Q201
R202 1K
C202 1u50
RESET IC
IC202
OUT IN GND
R207 1K
D202
R201 100K
C201 0.01
D201
D223
C214 100u10
5.6V
-30.8V
D218
R214 2.2K
R215 2.2K
R280 100K
CP2 100Kx3
D234
C234 0.12
5.1V
4.8V
R277 100K
R212 100
R205 10K
R255 4.7K
R264 100K
C232 560P
R218 100K
R219 100K
R256 100K
R257 100K
R258 100K
R259 100K
R253 47K
R265 100K
R254 47K
R213 100
R203 10K
R204 10K
R208 330
R209 100K
R210 330
R211 100K
R207 1K
R202 1K
R201 100K
C201 0.01
C214 100u10
R214 2.2K
R215 2.2K
R280 100K
CP2 100Kx3
R276 2.2
C234 0.12
R277 100K
C203 0.12
R332 10K
D239
D235
C225 0.1u50
C226 0.1u50
R330 100K
2.5V
R226 470
R227 470
SRS
D232
D233
EX.BASS
LED ON/OFF
ON 4.8V
Q202
R274 4.7K
R273 4.7K
Q203
ON:4.8V
C215 0.1u50
C216 1u50
DIF
A-C
C
A
VCC
C217 10u16
R229 100K
IC203
2.5V
1.5V
4.9V
R301 100
R302 100
R303 100
R304 100
R307 100
R308 100
R311 100
R312 100
R313 100
R314 100
R315 100
R316 100
R317 100
R318 100
R322 100
R323 100
R324 100
CN4
CW CCW E-DT E-CLK AMP A/D S.BUSY S.DAT F.OFF +5.6V +5.6V D.GND D.GND FL -30 FL P.CON SELF CHECK CCRS SPEANA MUTE PILOT E.VOL.CLK E.VOL.DATA SEL4 SEL3 SEL2 SEL1 N.C
DET OUT S.LEVEL SD STEREO DT CLK CE DO SPAN ST G.E CLK
P.LL
*WH1
ECHO-2 ECHO-1
E
D
KS4 KS3 KS2 KS1
SPEANA A B C
ON/OFF ECHO-1 ECHO-2 LEVEL
TUNER
GE
S-LEVEL RDS
RDS-CLK CCW SDATA SBUSY E.VOL.CLK E-CLK P.CON MUTE PILOT SEL-4 SEL-3 SEL-2 SEL-1 AMP A/D SELF CHECK CCRS RDS-DATA S-LEVEL SD STE DT CK CE DO ST CLK SPEANA P.BASS-LED
SRS-LED
VCO VEE AVSS VREF
S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30



IC201 : M38198MCA803FP
IC202 : S-806D-Z
IC203 : BA3834S
IC204 : SAA6579

Q201-203,205-210
: 2SC1740S(Q,R) or 2SC2785(F,E)
Q204 : 2SA933AS(Q,R) or 2SA1175(F,E)
D201-209,211-223,225-231,234-237,239,240
: 1SS131 or HSS104A
D232,233 : B30-2494-05

SIGNAL LINE
GND LINE
+B LINE
-B LINE

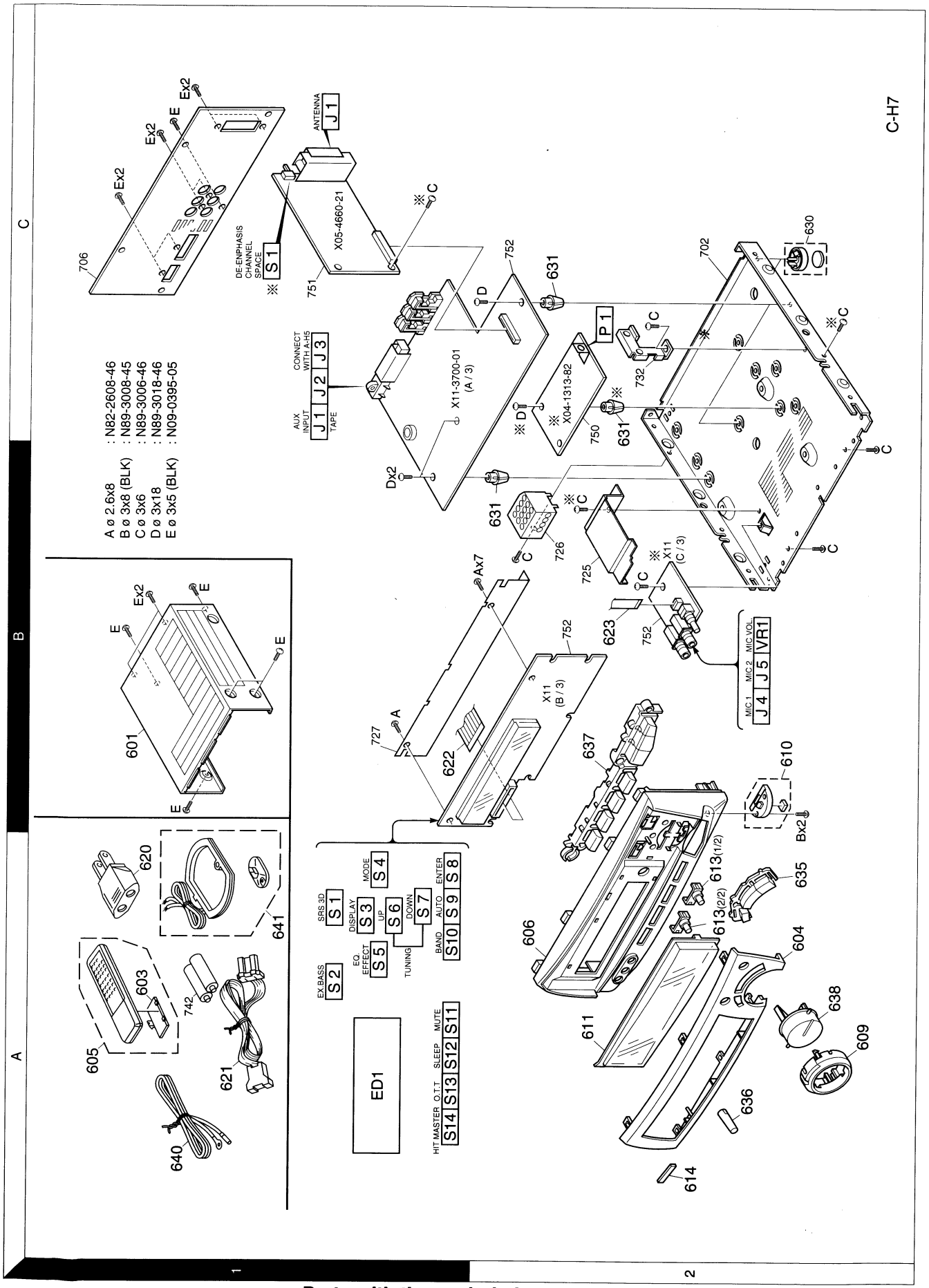
C-H5/H5W/H51/H6/W6W/H61/H7(M) (4/4)

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

C-H5/H51/H5W/H6/H61/H6W/H7

EXPLODED VIEW



Parts with the exploded numbers larger than 700 are not supplied.

＊New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❶

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
				C-H7		
601	1B	＊	A01-3434-01	METALLIC CABINET		
603	1A	＊	A09-0380-08	BATTERY COVER		
604	2A	＊	A21-1916-02	DRESSING PANEL		
605	1A	＊	A70-1110-05	REMOTE CONTROLLER ASSY	KM	
605	1A		A70-1121-05	REMOTE CONTROLLER ASSY	TE	
606	2A	＊	A60-1009-01	PANEL	KM	
606	2A		A60-1010-11	PANEL	TE	
609	2A	＊	B07-2333-03	ESCUTCHEON		
610	2B		B07-2335-04	ESCUTCHEON		
611	2A	＊	B10-2280-03	FRONT GLASS		
612	1A		B19-1529-05	OPTICAL FIBER		
613	2A	＊	B19-1573-04	LENS		
614	2A		B43-0301-04	KENWOOD BADGE		
-			B46-0197-00	QUESTIONNAIRE CARD	K	
-			B46-0310-03	WARRANTY CARD	TE	
-			B46-0319-00	QUESTIONNAIRE CARD	T	
-			B46-0328-03	WARRANTY CARD	K	
-			B58-0964-13	CAUTION CARD (UL)	K	
-			B58-0965-13	CAUTION CARD (PL)	T	
-			B58-0966-13	CAUTION CARD (PL)	ME	
-		＊	B60-2898-00	INSTRUCTION MANUAL(ENG)	KM	
-		＊	B60-2899-00	INSTRUCTION MANUAL(ENG)	T	
-		＊	B60-2900-00	INSTRUCTION MANUAL(FRE)	E	
-		＊	B60-2901-00	INSTRUCTION MANUAL(GER)	E	
-		＊	B60-2902-00	INSTRUCTION MANUAL(NET)	E	
-		＊	B60-2903-00	INSTRUCTION MANUAL(ITL)	E	
-		＊	B60-2904-00	INSTRUCTION MANUAL(SPA)	E	
-		＊	B60-3114-00	INSTRUCTION MANUAL(TWN)	M	
-		＊	B60-3121-00	INSTRUCTION MANUAL(SPA)	M	
⚠ 620	1A		E03-0115-05	AC PLUG ADAPTER	M	
621	1A		E30-2738-05	CORD WITH CONNECTOR		
622	1B		E35-1126-05	FLAT CABLE		
623	2B	＊	E35-1762-05	FLAT CABLE	KM	
-		＊	H10-7246-02	POLYSTYRENE FOAMED FIXTURE		
-		＊	H10-7247-02	POLYSTYRENE FOAMED FIXTURE		
-			H13-0086-04	CARTON BOARD		
-			H25-0632-24	PROTECTION BAG	KME	
-			H25-0644-04	PROTECTION BAG	T	
-			H25-0681-04	PROTECTION BAG		
-		＊	H50-2149-04	ITEM CARTON CASE	TE	
-		＊	H50-2150-04	ITEM CARTON CASE	M	
-		＊	H50-2438-04	ITEM CARTON CASE	K	
630	2C		J02-0366-15	FOOT		
631	2C		J19-3751-04	UNIT HOLDER		
635	2A	＊	K29-6490-02	KNOB (3 KEY)		
636	2A	＊	K29-6491-04	KNOB (MIC)	KM	
637	2B	＊	K29-6603-02	KNOB (7 KEY)	KM	
637	2B	＊	K29-6645-02	KNOB (7 KEY)	TE	
638	2A		K29-6608-03	KNOB (UP/DOWN)		
640	1A		T90-0801-05	LEAD WIRE ANTENNA	KM	
640	1A		T90-0900-05	LEAD WIRE ANTENNA	TE	

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **5** : C-H5 series
Y : PX(Far East, Hawaii) **T** : Europe **E** : Europe **G** : Germany **6** : C-H6 series
Y : AAFES(Europe) **X** : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
⚠ indicates safety critical components.

＊New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❷

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
641	1A		T90-0820-05	LOOP ANTENNA		
				C-H5/H6		
601	1B	＊	A01-3427-01	METALLIC CABINET (BLK)	EQT	
601	1B		A01-3434-01	METALLIC CABINET (SLV)	EQTMYI	
603	1A		A09-0380-08	BATTERY COVER		
604	2A	＊	A21-1917-02	DRESSING PANEL (SLV) 5	EQT	
604	2A	＊	A21-1918-02	DRESSING PANEL (BLK) 5	EQT	
604	2A	＊	A21-1919-02	DRESSING PANEL (SLV) 5	YMI	
604	2A	＊	A21-1936-12	DRESSING PANEL (BLK) 6	EQT	
604	2A	＊	A21-1937-12	DRESSING PANEL (SLV) 6	YMI	
604	2A	＊	A21-1951-12	DRESSING PANEL (SLV) 6	EQT	
605	1A		A70-1104-05	REMOTE CONTROLLER ASSY5	EQT	
605	1A		A70-1104-05	REMOTE CONTROLLER ASSY6	ET	
605	1A		A70-1105-05	REMOTE CONTROLLER ASSY5	YMI	
605	1A		A70-1105-05	REMOTE CONTROLLER ASSY6	YMIQ	
606	2A		A60-1009-01	PANEL (SLV)	YMI	
606	2A	＊	A60-1010-11	PANEL (SLV)	EQT	
606	2A	＊	A60-1111-11	PANEL (BLK)	EQT	
609	2A		B07-2333-03	ESCUTCHEON (SLV)	EQYMTI	
609	2A	＊	B07-2334-03	ESCUTCHEON (BLK)	EQT	
610	2B		B07-2335-04	ESCUTCHEON		
611	2A		B10-2280-03	FRONT GLASS		
613	2A		B19-1573-04	LENS		
614	2A		B43-0301-04	KENWOOD BADGE		
-			B46-0310-03	WARRANTY CARD	EQT	
-			B46-0319-00	QUESTIONNAIRE CARD	T	
-			B46-0328-03	WARRANTY CARD	Y	
-			B58-0964-13	CAUTION CARD (UL)	Y	
-			B58-0965-13	CAUTION CARD (PL)	TT	
-			B58-0966-13	CAUTION CARD (PL)	EM	
-			B58-0966-13	CAUTION CARD (PL)	I	
-			B58-1526-03	CAUTION CARD	Q	
-			B59-1104-00	SERVICE DIRECTORY	Y	
-		＊	B60-2905-00	INSTRUCTION MANUAL (TWN)	MI	
-		＊	B60-2906-00	INSTRUCTION MANUAL (RUN)	Q	
-		＊	B60-2907-00	INSTRUCTION MANUAL (PLN)	Q	
-		＊	B60-3115-00	INSTRUCTION MANUAL (ENG)	YMI	
-		＊	B60-3116-00	INSTRUCTION MANUAL (ENG)	T	
-		＊	B60-3117-00	INSTRUCTION MANUAL (FRE)	E	
-		＊	B60-3118-00	INSTRUCTION MANUAL (GER)	E	
-		＊	B60-3119-00	INSTRUCTION MANUAL (NET)	E	
-		＊	B60-3120-00	INSTRUCTION MANUAL (SPA)	M	
-		＊	B60-3241-00	INSTRUCTION MANUAL (ITL)	E	
-		＊	B60-3242-00	INSTRUCTION MANUAL (SPA)	E	
⚠ 620	1A		E03-0115-05	AC PLUG ADAPTER	MI	
621	1A		E30-2738-05	CORD WITH CONNECTOR		
622	1B		E35-1126-05	FLAT CABLE		
623	2B		E35-1762-05	FLAT CABLE	YMI	
-			H10-7246-02	POLYSTYRENE FOAMED FIXTURE		
-			H10-7247-02	POLYSTYRENE FOAMED FIXTURE		
-			H13-0086-04	CARTON BOARD		
-			H25-0632-24	PROTECTION BAG	EQYMTI	
-			H25-0644-04	PROTECTION BAG	T	

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **5** : C-H5 series
Y : PX(Far East, Hawaii) **T** : Europe **E** : Europe **G** : Germany **6** : C-H6 series
Y : AAFES(Europe) **X** : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❸

Ref. No	Add-ress	New Parts	Parts No.	Description			Desti-nation	Re-marks
-			H25-0681-04	PROTECTION BAG				
-		*	H50-2152-04	ITEM CARTON CASE (SLV)		5	ET	
-		*	H50-2153-04	ITEM CARTON CASE (SLV)		5	MI	
-			H50-2255-04	ITEM CARTON CASE (SLV)		6	ET	
-		*	H50-2256-04	ITEM CARTON CASE (SLV)		6	MI	
-		*	H50-2257-04	ITEM CARTON CASE (SLV)		6	Y	
-		*	H50-2313-04	ITEM CARTON CASE (SLV)		5	Q	
-		*	H50-2315-04	ITEM CARTON CASE (SLV)		5	Y	
-		*	H50-2317-04	ITEM CARTON CASE (SLV)		6	Q	
-		*	H50-2348-04	ITEM CARTON CASE (BLK)		5	ET	
-		*	H50-2349-04	ITEM CARTON CASE (BLK)		5	Q	
-		*	H50-2350-04	ITEM CARTON CASE (BLK)		6	ET	
-		*	H50-2412-04	ITEM CARTON CASE (BLK)		6	Q	
630	2C		J02-0366-15	FOOT				
631	2C		J19-3751-04	UNIT HOLDER				
635	2A		K29-6490-02	KNOB (3 KEY)	(SLV)	6	EQYMTI	
635	2A	*	K29-6607-02	KNOB (3 KEY)	(BLK)	6	EQT	
635	2A	*	K29-6646-02	KNOB (3 KEY)	(SLV)	5	EQYMTI	
635	2A	*	K29-6647-02	KNOB (3 KEY)	(BLK)	5	EQT	
636	2A		K29-6491-04	KNOB (MIC)	(SLV)		YMI	
637	2B		K29-6603-02	KNOB (7 KEY)	(SLV)		YMI	
637	2B	*	K29-6623-02	KNOB (7 KEY)	(BLK)		EQT	
637	2B		K29-6645-02	KNOB (7 KEY)	(SLV)		EQT	
638	2A		K29-6608-03	KNOB (UP/DOWN)	(SLV)		EQYMTI	
638	2A	*	K29-6609-03	KNOB (UP/DOWN)	(BLK)		EQT	
640	1A		T90-0801-05	LEAD WIRE ANTENNA			YMI	
640	1A		T90-0809-05	LEAD WIRE ANTENNA			EQT	
641	1A		T90-0820-05	LOOP ANTENNA				
MPX (X04-1313-82) Q type only								
C1			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C2 ,3		*	C91-1566-05	PF-C	0.01UF	G		
C4			CE04LW1A470M	ELECTRO	47UF	10WV		
C5 ,6			CQ93FMG1H102J	MYLAR	1000PF	J		
C7			CC45FSL1H331J	CERAMIC	330PF	J		
C8			CK45FB1H102K	CERAMIC	1000PF	K		
C9			CC93FCH1H471J	CERAMIC	470PF	J		
C10 ,11			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C12			CK45FF1H473Z	CERAMIC	0.047UF	Z		
C13 -15			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C16			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C17 ,18			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C19 ,20			CQ93FMG1H682J	MYLAR	6800PF	J		
C21			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C22			CE04LW1A470M	ELECTRO	47UF	10WV		
C23 ,24			CQ93FMG1H472J	MYLAR	4700PF	J		
C25			CC45FSL1H121J	CERAMIC	120PF	J		
C26			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
TC1		*	C05-0463-05	CERAMIC TRIMMER CAPACITOR(120P				
CN2 ,3			E40-4871-05	PIN ASSY				
CN4		*	E40-4372-05	PIN ASSY				
CN5			E40-3259-05	PIN ASSY				
CN6		*	E40-4872-05	PIN ASSY				
L1		*	L39-1350-05	PEAKING COIL				

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7

⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❹

Ref. No	Add-ress	New Parts	Parts No.	Description			Desti-nation	Re-marks
L2 ,3			L79-1236-05	LC FILTER				
L4			L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)				
⚠ R9			RS14KB3A221J	FL-PROOF RS	220	J 1W		
VR1			R12-3685-05	TRIMMING POT.(10K)				
VR2			R12-1619-05	TRIMMING POT.(4.7K)				
D1			MTZJ5.1(B)	ZENER DIODE				
D1			UZ-5.1BSB	ZENER DIODE				
D2 ,3			HSS104	DIODE				
D2 ,3			1SS133	DIODE				
D4			MTZJ5.1(B)	ZENER DIODE				
D4			UZ-5.1BSB	ZENER DIODE				
D6 ,7			HSS104	DIODE				
D6 ,7			1SS133	DIODE				
IC1		*	IR3R42	ANALOGUE IC				
IC2			NJM4565D	ANALOGUE IC				
IC3			TC4052BP	IC(4CH MPX/DE-MPX)				
Q1			2SA1175(F,E)	TRANSISTOR				
Q1			2SA933AS(Q,R)	TRANSISTOR				
Q5			DTC124ESA	DIGITAL TRANSISTOR				
Q5			UN4212	DIGITAL TRANSISTOR				
TUNER (X05-4652-71) TEQ type								
C1			CE04LW1C470M	ELECTRO	47UF	16WV		
C2			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C3 -8			CK73FB1H103K	CHIP C	0.010UF	K		
C9			C91-0769-05	CERAMIC	0.010UF	K		
C30			CK73EB1E473K	CHIP C	0.047UF	K		
C31			CE04LW1C470M	ELECTRO	47UF	16WV		
C32			CK73FB1H103K	CHIP C	0.010UF	K		
C33			CE04LW1C100M	ELECTRO	10UF	16WV		
C34			CK73EB1E104K	CHIP C	0.10UF	K		
C35			CE04LW1C100M	ELECTRO	10UF	16WV		
C36			CK73FB1E473K	CHIP C	0.047UF	K		
C37			CK73EF1E105Z	CHIP C	1.0UF	Z		
C38			C90-3217-05	ELECTRO	10UF	10WV		
C39			CC73FSL1H101J	CHIP C	100PF	J	Q	
C40			C90-3253-05	ELECTRO	1.0UF	50WV		
C41			C90-3251-05	ELECTRO	0.47UF	50WV		
C42			C90-3240-05	ELECTRO	2.2UF	35WV		
C43			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C44			CK73FB1E473K	CHIP C	0.047UF	K		
C45			CC73FCH1H220J	CHIP C	22PF	J		
C46			CE04LW1A101M	ELECTRO	100UF	10WV		
C47			CK73FB1H682K	CHIP C	6800PF	K		
C48			CC73FSL1H101J	CHIP C	100PF	J		
C49			C90-3253-05	ELECTRO	1.0UF	50WV		
C50			CK73FB1H102K	CHIP C	1000PF	K		
C51 ,52			C90-3217-05	ELECTRO	10UF	10WV		
C53 ,54			CK73FB1H223K	CHIP C	0.022UF	K		
C55 ,56			C90-3231-05	ELECTRO	3.3UF	25WV	Q	
C55 ,56			C90-3240-05	ELECTRO	2.2UF	35WV	ET	
C57 ,58			CK73FB1H682K	CHIP C	6800PF	K	ET	
C59			CC73ESL1H101J	CHIP C	100PF	J	Q	
C60			CK73FB1E104K	CHIP C	0.10UF	K		
C61			CK73FB1H103K	CHIP C	0.010UF	K		

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7

⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

5

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C62			CK73FB1H333K	CHIP C	0.033UF	K	QT	
C63		*	CC73FCH1H090D	CHIP C	9.0PF	D	QT	
C64			CK73FB1H333K	CHIP C	0.033UF	K		
C66			CC73FCH1H060D	CHIP C	6.0PF	D		
C67			CC73FCH1H220J	CHIP C	22PF	J	EQ	
C67			CC73FCH1H330J	CHIP C	33PF	J	T	
C68			CC73FSL1H020C	CHIP C	2.0PF	C	E	
C69			CK73FB1H103K	CHIP C	0.010UF	K		
C70			CC73FSL1H101J	CHIP C	100PF	J		
C79			CC73FSL1H101J	CHIP C	100PF	J	Q	
C80			CC73FSL1H101J	CHIP C	100PF	J		
C81			CC73FCH1H220J	CHIP C	22PF	J		
C82			CC73FCH1H270J	CHIP C	27PF	J		
C83 ,84			CK73FB1H102K	CHIP C	1000PF	K		
C85			C91-0745-05	CERAMIC	100PF	K		
C86			C91-0757-05	CERAMIC	1000PF	K		
C87			CE04LW1A470M	ELECTRO	47UF	10WV		
C88			CC73FSL1H331J	CHIP C	330PF	J	Q	
C89			CE04LW1C470M	ELECTRO	47UF	16WV		
C90			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C91			CQ93FMG1H223J	MYLAR	0.022UF	J		
C92			CC73FSL1H471J	CHIP C	470PF	J		
C93			CK73FB1H103K	CHIP C	0.010UF	K		
C94			CK73FB1H102K	CHIP C	1000PF	K		
C95			CC73FCH1H470J	CHIP C	47PF	J		
C96			CC73FSL1H101J	CHIP C	100PF	J		
CN1			E40-9831-05	SOCKET FOR PIN ASSY			ET	
CN2			E40-4871-05	PIN ASSY				
J1			E20-0321-05	LOCK TERMINAL BOARD(2P,F)				
J1			E70-0052-05	LOCK TERMINAL BOARD				
J2			F10-1053-04	SHIELDING PLATE			ET	
J2		*	F10-1088-04	SHIELDING PLATE			Q	
CF1 ,2			L72-0536-05	CERAMIC FILTER				
L31			L30-0929-05	FM IFT				
L32			L30-0930-05	FM IFT				
L33			L30-0911-05	AM IFT				
L34			L79-1237-05	LC FILTER				
L35 ,36			L79-1236-05	LC FILTER			ET	
L61			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				
L62			L39-1351-05	COMBINATION COIL			E	
L62		*	L39-1352-05	COMBINATION COIL			QT	
L63			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			E	
L81			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				
X31			L78-0637-05	RESONATOR (456KHZ)				
X81			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)				
⚠ R1			RD14NB2E101J	RD	100	J 1/4W		
R2			RK73EB2B221J	CHIP R	220	J 1/8W		
R3			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R4			RK73FB2A681J	CHIP R	680	J 1/10W		
R5			RK73FB2A331J	CHIP R	330	J 1/10W		
R6			RK73FB2A220J	CHIP R	22	J 1/10W		
R7			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R8			RK73FB2A331J	CHIP R	330	J 1/10W		

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

6

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
R10			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R11			RK73FB2A681J	CHIP R	680	J 1/10W		
R12			RK73FB2A122J	CHIP R	1.2K	J 1/10W		
R13 ,14			RK73FB2A331J	CHIP R	330	J 1/10W		
R15			RK73FB2A101J	CHIP R	100	J 1/10W		
R16			RK73FB2A330J	CHIP R	33	J 1/10W	ET	
R16			RK73FB2A470J	CHIP R	47	J 1/10W	Q	
R17			RK73FB2A621J	CHIP R	620	J 1/10W		
R18			RK73FB2A123J	CHIP R	12K	J 1/10W		
R19			RK73FB2A4R7J	CHIP R	4.7	J 1/10W		
R20			RK73FB2A122J	CHIP R	1.2K	J 1/10W		
⚠ R31			RS14KB3A820J	FL-PROOF RS	82	J 1W		
R32			RK73EB2B562J	CHIP R	5.6K	J 1/8W		
R33			RK73FB2A302J	CHIP R	3.0K	J 1/10W		
R34			RK73FB2A822J	CHIP R	8.2K	J 1/10W		
R35			RK73FB2A333J	CHIP R	33K	J 1/10W		
R36			RK73FB2A393J	CHIP R	39K	J 1/10W		
R37			RK73FB2A272J	CHIP R	2.7K	J 1/10W		
R38			RK73FB2A333J	CHIP R	33K	J 1/10W		
R39			RK73FB2A223J	CHIP R	22K	J 1/10W		
R40			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R41			RK73FB2A222J	CHIP R	2.2K	J 1/10W		
R42			RK73FB2A473J	CHIP R	47K	J 1/10W		
R43 ,44			RK73FB2A242J	CHIP R	2.4K	J 1/10W	Q	
R43 ,44			RK73FB2A332J	CHIP R	3.3K	J 1/10W	ET	
R45			RK73FB2A102J	CHIP R	1.0K	J 1/10W	ET	
R46			RK73FB2A122J	CHIP R	1.2K	J 1/10W		
R47 ,48			RK73FB2A392J	CHIP R	3.9K	J 1/10W		
R49			RK73FB2A473J	CHIP R	47K	J 1/10W		
R51			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R52			RK73FB2A104J	CHIP R	100K	J 1/10W		
R53			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R54			RK73FB2A683J	CHIP R	68K	J 1/10W		
R55			RK73FB2A473J	CHIP R	47K	J 1/10W		
R56			RK73FB2A104J	CHIP R	100K	J 1/10W		
R59			RK73FB2A222J	CHIP R	2.2K	J 1/10W		
R61			RK73FB2A223J	CHIP R	22K	J 1/10W	QT	
R62			RK73FB2A105J	CHIP R	1.0M	J 1/10W	QT	
R63			RK73FB2A473J	CHIP R	47K	J 1/10W	QT	
R64			RK73FB2A103J	CHIP R	10K	J 1/10W	QT	
R65			RK73FB2A153J	CHIP R	15K	J 1/10W	QT	
R66			RK73FB2A152J	CHIP R	1.5K	J 1/10W	QT	
R67			RK73FB2A104J	CHIP R	100K	J 1/10W		
R68			RK73FB2A222J	CHIP R	2.2K	J 1/10W	QT	
R70			RK73FB2A105J	CHIP R	1.0M	J 1/10W	QT	
R80			RK73EB2B102J	CHIP R	1.0K	J 1/8W		
R81 -83			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R84			RK73FB2A103J	CHIP R	10K	J 1/10W		
R85 -88			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
⚠ R89			RD14NB2E101J	RD	100	J 1/4W		
R90			RK73FB2A562J	CHIP R	5.6K	J 1/10W		
R91			RK73FB2A222J	CHIP R	2.2K	J 1/10W		
R92			RK73FB2A123J	CHIP R	12K	J 1/10W		
R93			RK73FB2A122J	CHIP R	1.2K	J 1/10W		
⚠ R94			RD14NB2E561J	RD	560	J 1/4W		

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❼

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
W51 -55			R92-0670-05	CHIP R 0 OHM	E	
W53			R92-0670-05	CHIP R 0 OHM	QT	
W56 -58			R92-0679-05	CHIP R 0 OHM		
W59			R92-0670-05	CHIP R 0 OHM	ET	
W59 -61			R92-0670-05	CHIP R 0 OHM	Q	
W61			R92-0670-05	CHIP R 0 OHM	ET	
W62 -67			R92-0679-05	CHIP R 0 OHM		
W68			R92-0670-05	CHIP R 0 OHM	Q	
W69 -71			R92-0679-05	CHIP R 0 OHM	E	
W69 -72			R92-0679-05	CHIP R 0 OHM	QT	
W73			R92-0670-05	CHIP R 0 OHM		
W74			R92-0679-05	CHIP R 0 OHM	Q	
W75			R92-0670-05	CHIP R 0 OHM	E	
W75 ,76			R92-0670-05	CHIP R 0 OHM	QT	
W79 ,80			R92-0670-05	CHIP R 0 OHM	Q	
W80			R92-0670-05	CHIP R 0 OHM	ET	
W82			R92-0670-05	CHIP R 0 OHM	Q	
W83 -85			R92-0679-05	CHIP R 0 OHM	Q	
W83 ,84			R92-0679-05	CHIP R 0 OHM	ET	
D1			HSS104	DIODE		
D1			1SS133	DIODE		
D31			MTZJ8.2(B)	ZENER DIODE		
D31			UZ-8.2BSB	ZENER DIODE		
D32			MA111	DIODE		
D33			HSS104	DIODE		
D33			1SS133	DIODE		
D61 ,62			HSS104	DIODE		
D61 ,62			1SS133	DIODE		
D81			MTZJ5.1(B)	ZENER DIODE		
D81			UZ-5.1BSB	ZENER DIODE		
IC1			LA1836	ANALOGUE IC		
IC2			LC72131	MOS-IC		
IC3			NJM2904M	IC(OP AMP X2)		
Q1 ,2			2SC2714(R,O)	TRANSISTOR		
Q3			2SA1576A(R,S)	TRANSISTOR		
Q3			2SB1218A(Q,R)	TRANSISTOR		
Q31 ,32			2SC4081(R,S)	TRANSISTOR		
Q31 ,32			2SD1819A(Q,R)	TRANSISTOR		
Q61 ,62			2SC4081(R,S)	TRANSISTOR	QT	
Q61 ,62			2SD1819A(Q,R)	TRANSISTOR	QT	
Q63			2SC2878(B)	TRANSISTOR	QT	
Q64			2SA1576A(R,S)	TRANSISTOR	QT	
Q64			2SB1218A(Q,R)	TRANSISTOR	QT	
Q65			2SK302(Y,GR)	FET	QT	
Q81			2SA1576A(R,S)	TRANSISTOR		
Q81			2SB1218A(Q,R)	TRANSISTOR		
A1			W02-2565-05	FM FRONT-END ASSY	ET	
A1			W02-2579-05	FM FRONT-END ASSY	Q	

TUNER (X05-4660-12) KYMI type

C1 ,2			CK73FB1H103K	CHIP C	0.010UF	K	
C3			CC73FCH1H040C	CHIP C	4.0PF	C	
C5			CK73FB1H222K	CHIP C	2200PF	K	
C7			CK73FB1H102K	CHIP C	1000PF	K	
C8			CK73FB1H103K	CHIP C	0.010UF	K	

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❽

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C9			CE04LW1C100M	ELECTRO	10UF	16WV		
C10			CK73FB1H473K	CHIP C	0.047UF	K		
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C12			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C13			CK73FB1H102K	CHIP C	1000PF	K		
C14			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C15			CC73FCH1H220J	CHIP C	22PF	J		
C16			CE04LW1C100M	ELECTRO	10UF	16WV		
C17			CK73FB1H562K	CHIP C	5600PF	K		
C18			CK73FB1H102K	CHIP C	1000PF	K		
C19			CE04HW1E4R7M	NP-ELEC	4.7UF	25WV		
C20			CK73FB1E104K	CHIP C	0.10UF	K		
C21 ,22			CQ93FMG1H113J	MYLAR	0.011UF	J	YMI	
C21 ,22			CQ93FMG1H163J	MYLAR	0.016UF	J	K	
C23			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C25			CE04LW1C100M	ELECTRO	10UF	16WV		
C26			CE04LW1C470M	ELECTRO	47UF	16WV		
C27			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C28			CQ93FMG1H223J	MYLAR	0.022UF	J		
C29			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C30			CE04LW1C101M	ELECTRO	100UF	16WV		
C31			CE04LW1A470M	ELECTRO	47UF	10WV		
C32			CK73FB1H103K	CHIP C	0.010UF	K		
C33			CC73FSL1H101J	CHIP C	100PF	J		
C34 ,35			CK73FB1H102K	CHIP C	1000PF	K		
C36			CC73FCH1H270J	CHIP C	27PF	J		
C37			CC73FCH1H220J	CHIP C	22PF	J		
C38			CK73FB1H471K	CHIP C	470PF	K		
C52			CC73FCH1H470J	CHIP C	47PF	J		
C57 -60			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C61 ,62			CQ93FMG1H472J	MYLAR	4700PF	J	YMI	
C63			CC73FCH1H220J	CHIP C	22PF	J		
C64			CK73FB1H473K	CHIP C	0.047UF	K		
CN1			E40-9831-05	SOCKET FOR PIN ASSY				
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)				
J1			E70-0051-05	LOCK TERMINAL BOARD				
J2			F10-0945-04	SHIELDING PLATE				
CF1 ,2			L72-0531-05	CERAMIC FILTER				
CF3			L72-0593-05	CERAMIC FILTER				
L1			L39-1348-05	COMBINATION COIL				
L2			L30-0911-05	AM IFT				
L3 ,4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)				
X1			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)				
X2			L78-0637-05	RESONATOR (456KHZ)				
R1			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
R2			RK73FB2A681J	CHIP R	680	J 1/10W		
R3			RK73FB2A100J	CHIP R	10	J 1/10W		
R4 ,5			RK73FB2A331J	CHIP R	330	J 1/10W		
R6			RK73FB2A101J	CHIP R	100	J 1/10W		
R7			RK73FB2A473J	CHIP R	47K	J 1/10W		
R8			RK73FB2A331J	CHIP R	330	J 1/10W		
R13			RK73FB2A333J	CHIP R	33K	J 1/10W		
R15 ,16			RK73FB2A393J	CHIP R	39K	J 1/10W		

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

(9)

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
R17			RK73FB2A271J	CHIP R	270	J 1/10W		
R18			RK73FB2A302J	CHIP R	3.0K	J 1/10W		
R19			RK73FB2A822J	CHIP R	8.2K	J 1/10W		
R21 -23			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R24			RK73FB2A562J	CHIP R	5.6K	J 1/10W		
⚠ R25			RD14NB2E101J	RD	100	J 1/4W		
⚠ R26			RD14NB2E561J	RD	560	J 1/4W		
R27			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R28			RK73FB2A103J	CHIP R	10K	J 1/10W		
R29 ,30			RK73FB2A102J	CHIP R	1.0K	J 1/10W		
R31			RK73FB2A103J	CHIP R	10K	J 1/10W		
R32			RK73FB2A122J	CHIP R	1.2K	J 1/10W		
R33			RK73FB2A123J	CHIP R	12K	J 1/10W		
R41			RS14KB3A181J	FL-PROOF RS	180	J 1W		
⚠ R42			RD14NB2E820J	RD	82	J 1/4W		
⚠ R43			RD14NB2E221J	RD	220	J 1/4W		
R44			RK73FB2A101J	CHIP R	100	J 1/10W		
R46			RK73FB2A104J	CHIP R	100K	J 1/10W		
R47			RK73FB2A153J	CHIP R	15K	J 1/10W		
R48			RK73FB2A473J	CHIP R	47K	J 1/10W		
R49			RK73FB2A473J	CHIP R	47K	J 1/10W	YMI	
R50			RK73FB2A471J	CHIP R	470	J 1/10W	YMI	
R51 -54			RK73FB2A473J	CHIP R	47K	J 1/10W		
R55 ,56			RK73FB2A154J	CHIP R	150K	J 1/10W		
R59 ,60			RK73FB2A332J	CHIP R	3.3K	J 1/10W		
W101-106			R92-0670-05	CHIP R	0 OHM			
W108-114			R92-0670-05	CHIP R	0 OHM			
W115			R92-0670-05	CHIP R	0 OHM		YMI	
W117,118			R92-0670-05	CHIP R	0 OHM			
W119			R92-0670-05	CHIP R	0 OHM		YMI	
W203-208			R92-0679-05	CHIP R	0 OHM			
W210,211			R92-0679-05	CHIP R	0 OHM			
S1			S62-0034-05	SLIDE SWITCH			YMI	
D1 ,2			HSS104	DIODE				
D1 ,2			1SS133	DIODE				
D3 ,4			MTZJ5.1(B)	ZENER DIODE				
D3 ,4			UZ-5.1BSB	ZENER DIODE				
D8			HSS104	DIODE				
D8			1SS133	DIODE				
D10			MA111	DIODE				
IC1			LA1832	ANALOGUE IC				
IC2			LC72131	MOS-IC				
IC4			NJM4565M	IC(OP AMP X2)				
Q1			2SC2714(R,O)	TRANSISTOR				
Q3			2SA1576A(R,S)	TRANSISTOR				
Q3			2SB1218A(Q,R)	TRANSISTOR				
Q5			2SC4081(R,S)	TRANSISTOR				
Q5			2SD1819A(Q,R)	TRANSISTOR				
Q9 ,10			2SC4081(R,S)	TRANSISTOR			YMI	
Q9 ,10			2SD1819A(Q,R)	TRANSISTOR			YMI	
A1			W02-2539-05	FM FRONT-END ASSY				

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **5** : C-H5 series
Y : PX(Far East, Hawaii) **T** : Europe **E** : Europe **G** : Germany **6** : C-H6 series
Y : AAFES(Europe) **X** : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

(10)

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
CONTROL (X11-3700-00)								
D232,233			B30-2494-05	LED(GRN)				
C1			CE04KW1H100M	ELECTRO	10UF	50WV		
C2			CE04KW1E222M	ELECTRO	2200UF	25WV		
C3			CE04KW1H100M	ELECTRO	10UF	50WV		
C4			C90-3264-05	ELECTRO	470UF	6.3WV		
C5			CK45FF1H103ZMU	CERAMIC	0.010UF	Z		
C6			CK45FB1H152KMU	CERAMIC	1500PF	K		
C7			C90-3730-05	ELECTRO	120UF	35WV		
C8			CE04KW1E222M	ELECTRO	2200UF	25WV		
C9			CE04KW1E102M	ELECTRO	1000UF	25WV		
C10			CE04KW1H100M	ELECTRO	10UF	50WV		
C11	67		CE04KW1H100M	ELECTRO	10UF	50WV		
C12 ,13			CE04KW1H100M	ELECTRO	10UF	50WV		
C14			CQ93FMG1H103J	MYLAR	0.010UF	J		
C15			CE04KW1H100M	ELECTRO	10UF	50WV		
C16			CF92FV1H124J	MF-C	0.12UF	J		
C17			CE04KW1C101M	ELECTRO	100UF	16WV		
C18 -20			CE04KW1H100M	ELECTRO	10UF	50WV		
C21 -26			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C27 ,28			CE04KW1V220M	ELECTRO	22UF	35WV		
C29			CE04KW1C221M	ELECTRO	220UF	16WV		
C30 -32			CC45FSL1H101JM	CERAMIC	100PF	J		
C33 -36			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C37 -40	5		CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C41 ,42	5		CQ93FMG1H223J	MYLAR	0.022UF	J		
C43 ,44	5		CQ93FMG1H183J	MYLAR	0.018UF	J		
C45			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C46			CE04KW1V471M	ELECTRO	470UF	35WV		
C48			CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C51			CQ93FMG1H472J	MYLAR	4700PF	J		
C52 ,53			CF92FV1H474J	MF-C	0.47UF	J		
C54 ,55	5		CQ93FMG1H562J	MYLAR	5600PF	J		
C56 ,57			CC45FSL1H101JM	CERAMIC	100PF	J		
C58	56		CE04KW1H100M	ELECTRO	10UF	50WV		
C59			CE04KW1H100M	ELECTRO	10UF	50WV		
C60	56		CE04KW1H100M	ELECTRO	10UF	50WV		
C61			CE04KW1V470M	ELECTRO	47UF	35WV		
C62	56		CE04KW1H010M	ELECTRO	1.0UF	50WV		
C63 -66			CE04KW1H100M	ELECTRO	10UF	50WV		
C67 ,68			CE04KW1V220M	ELECTRO	22UF	35WV		
C69 ,70			CQ93FMG1H103J	MYLAR	0.010UF	J		
C71 ,72			CE04KW1C470M	ELECTRO	47UF	16WV		
C73			CE04KW1H100M	ELECTRO	10UF	50WV		
C74			CE04KW1H100M	ELECTRO	10UF	50WV	KMYIQ	
C75			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV		
C76			C90-3307-05	ELECTRO	470UF	35WV		
C77			C90-3265-05	ELECTRO	1000UF	6.3WV		
C79 ,80			CC45FSL1H221JM	CERAMIC	220PF	J		
C83 ,84			CC45FSL1H221JM	CERAMIC	220PF	J		
C87 -94			CC45FSL1H221JM	CERAMIC	220PF	J		
C97 ,98			CC45FSL1H221JM	CERAMIC	220PF	J		
C103,104			CC45FSL1H221JM	CERAMIC	220PF	J		

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **5** : C-H5 series
Y : PX(Far East, Hawaii) **T** : Europe **E** : Europe **G** : Germany **6** : C-H6 series
Y : AAFES(Europe) **X** : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

⑪

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C105,106			CK45FB1H102KMU	CERAMIC	1000PF	K		
C107			CC45FSL1H221JM	CERAMIC	220PF	J		
C108			CF92FV1H124J	MF-C	0.12UF	J		
C109-112			CC45FSL1H101JM	CERAMIC	100PF	J		
C113			CK45FB1H102KMU	CERAMIC	1000PF	K		
C114	67		CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C115,116	67		CF92FV1H224J	MF-C	0.22UF	J		
C117,118	67		CF92FV1H184J	MF-C	0.18UF	J		
C119-122	67		CQ93FMG1H104J	MYLAR	0.10UF	J		
C123-126	67		CQ93FMG1H333J	MYLAR	0.033UF	J		
C127,128	67		CQ93FMG1H123J	MYLAR	0.012UF	J		
C129,130	67		CQ93FMG1H153J	MYLAR	0.015UF	J		
C131-134	67		CQ93FMG1H682J	MYLAR	6800PF	J		
C135-138	67		CK45FB1H222KMU	CERAMIC	2200PF	K		
C139-142	67		CK45FB1H821KMU	CERAMIC	820PF	K		
C143,144	67		CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C145,146	67		CE04KW1H100M	ELECTRO	10UF	50WV		
C149	67		CE04KW1H100M	ELECTRO	10UF	50WV		
C150			CC45FSL1H221JM	CERAMIC	220PF	J		
C151,152			CK45FB1H102KMU	CERAMIC	1000PF	K		
C153,154			CK45FB1H471KMU	CERAMIC	470PF	K		
C155-158			CC45FSL1H101JM	CERAMIC	100PF	J		
C201			CK45FF1H103ZMU	CERAMIC	0.010UF	Z		
C202			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C204			CE04KW0J331M	ELECTRO	330UF	6.3WV		
C205			CE04KW1A101M	ELECTRO	100UF	10WV		
C209,210			CC45FCH1H180J	CERAMIC	18PF	J		
C211			CK45FF1H103ZMU	CERAMIC	0.010UF	Z		
C212			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C213			C90-3214-05	ELECTRO	100UF	6.3WV		
C214			CE04KW1A101M	ELECTRO	100UF	10WV		
C215			CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C216			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C217			C90-3225-05	ELECTRO	10UF	16WV		
C218			CK45FB1H561KMU	CERAMIC	560PF	K	EQT	
C219			CE04KW1V470M	ELECTRO	47UF	35WV	EQT	
C221,222			CK45FF1H103ZMU	CERAMIC	0.010UF	Z	EQT	
⚠ C223,224			CC45FCH1H470J	CERAMIC	47PF	J	EQT	
C225,226			CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C232			CK45FB1H561KMU	CERAMIC	560PF	K		
C234			CF92FV1H124J	MF-C	0.12UF	J		
C235			CC45FSL1H331JM	CERAMIC	330PF	J	EQT	
C236			CE04KW1H4R7M	ELECTRO	4.7UF	50WV	EQT	
C237			CQ93FMG1H472J	MYLAR	4700PF	J		
C320			CK45FF1H103ZMU	CERAMIC	0.010UF	Z	EQT	
C401			CC45FSL1H331JM	CERAMIC	330PF	J	KYMI	
C402			CK45FF1H103ZMU	CERAMIC	0.010UF	Z	KYMI	
C403			CQ93FMG1H153J	MYLAR	0.015UF	J	KYMI	
C405			CE04KW1H4R7M	ELECTRO	4.7UF	50WV	KYMI	
C406			CK45FB1H102KMU	CERAMIC	1000PF	K	KYMI	
C407			CE04KW1H010M	ELECTRO	1.0UF	50WV	KYMI	
C408			CC45FSL1H101JM	CERAMIC	100PF	J	KYMI	
C409,410			CE04KW1C470M	ELECTRO	47UF	16WV	KYMI	
C411	56		CE04KW1H010M	ELECTRO	1.0UF	50WV	YMI	
C412	56		CE04KW1H100M	ELECTRO	10UF	50WV	YMI	

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7
⚠ indicates safety critical components.

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

⑫

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C413	56		CE04KW1A101M	ELECTRO	100UF	10WV	YMI	
C414,415			CE04KW1V220M	ELECTRO	22UF	35WV	YMI	
C416	56		CQ93FMG1H103J	MYLAR	0.010UF	J	YMI	
C417	56		CF92FV1H474J	MF-C	0.47UF	J	YMI	
C418	56		CQ93FMG1H103J	MYLAR	0.010UF	J	YMI	
C419	56		CK45FB1H332K	CERAMIC	3300PF	K	YMI	
C420	56		CQ93FMG1H472J	MYLAR	4700PF	J	YMI	
C421	56		CQ93FMG1H103J	MYLAR	0.010UF	J	YMI	
C422	56		CQ93FMG1H123J	MYLAR	0.012UF	J	YMI	
C423	56		CE04KW1H010M	ELECTRO	1.0UF	50WV	YMI	
C424	56		CE04KW1V220M	ELECTRO	22UF	35WV	YMI	
C425			CC45FSL1H331JM	CERAMIC	330PF	J	KMYI	
C426	56		CC45FSL1H101JM	CERAMIC	100PF	J	YMI	
CN1 ,2			E40-4892-05	FLAT CABLE CONNECTOR			KMYI	
CN3 ,4			E40-4926-05	FLAT CABLE CONNECTOR				
CN5			E40-9848-05	PIN ASSY			KEYMIT	
CN6	56		E40-3246-05	PIN ASSY			YMI	
J1			E63-0047-15	PHONO JACK				
J2			E58-0006-05	RECTANGULAR RECEPTACLE				
J3			E58-0016-05	RECTANGULAR RECEPTACLE				
J4 ,5			E11-0336-05	PHONE JACK				
W1 -25	57		E31-0001-00	JUMPER WIRE				
W7 -18	6		E31-0001-00	JUMPER WIRE				
W19	6		E31-0001-00	JUMPER WIRE			YMI	
W20 -25	6		E31-0001-00	JUMPER WIRE				
W26	56		E31-0001-00	JUMPER WIRE			QYMI	
W102-105	57		E31-0001-00	JUMPER WIRE				
W103-105	6		E31-0001-00	JUMPER WIRE				
W107-115	7		E31-0001-00	JUMPER WIRE				
W116	56		E31-0001-00	JUMPER WIRE			QMIY	
W209,210	67		E31-0001-00	JUMPER WIRE				
W209,210	7		E31-0001-00	JUMPER WIRE				
W226,227	7		E31-0001-00	JUMPER WIRE				
J6			F10-0977-14	SHIELDING PLATE				
L1			L40-1091-17	SMALL FIXED INDUCTOR(1UH)			EQT	
L2			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)			EQT	
L3			L19-0083-05	TRANSFORMER FOR CONVERTER				
L4 ,5			L92-0054-05	FERRITE CORE				
⚠ X1			L78-0605-05	RESONATOR	(8.38MHZ)			
⚠ X2			L77-2213-05	CRYSTAL RESONATOR(32.768KHZ)				
X3			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)			EQT	
CP1			R90-0479-05	MULTI-COMP	100KX12			
CP2			R90-0850-05	MULTI-COMP	100KX3	J 1/6W		
⚠ R2			RS14KB3D180J	FL-PROOF RS	18	J 2W		
⚠ R15 ,16			RD14NB2E4R7J	RD	4.7	J 1/4W		
R20			RS14KB3D3R3J	FL-PROOF RS	3.3	J 2W		
R22	7		RD14BB2C104J	RD	100K	J 1/6W		
R35 ,36	5		RD14BB2C153J	RD	15K	J 1/6W		
R37 ,38	5		RD14BB2C272J	RD	2.7K	J 1/6W		
R50			RD14NB2E820J	RD	82	J 1/4W		
R65			RS14KB3DR22J	FL-PROOF RS	0.22	J 2W		
R78 ,79			RD14NB2E820J	RD	82	J 1/4W		
R82	56		RD14BB2C104J	RD	100K	J 1/6W		

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)
K : USA
T : Europe
X : Australia
P : Canada
E : Europe
M : Other Areas
R : Mexico
G : Germany
Q : Russia
5 : C-H5 series
6 : C-H6 series
7 : C-H7
⚠ indicates safety critical components.

∗ New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

⑬

Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
R83 -85	56		RD14BB2C103J	RD	10K	J	1/6W		
R86	56		RD14BB2C222J	RD	2.2K	J	1/6W		
R87	56		RD14BB2C102J	RD	1.0K	J	1/6W		
R89 ,90	56		RD14BB2C103J	RD	10K	J	1/6W		
R146	67		RD14BB2C152J	RD	1.5K	J	1/6W		
R149,150	67		RD14BB2C104J	RD	100K	J	1/6W		
R157,158	67		RD14BB2C104J	RD	100K	J	1/6W		
R217			R92-1855-05	RD	10M	J	1/6W		
R241-243	67		RD14BB2C104J	RD	100K	J	1/6W		
R326-328	67		RD14BB2C102J	RD	1.0K	J	1/6W		
R332			RN14BK2C1002F	RN	10.0K	F	1/6W		
R410	56		RD14BB2C682J	RD	6.8K	J	1/6W	YMI	
R416	56		RD14BB2C473J	RD	47K	J	1/6W	YMI	
R417	56		RD14BB2C393J	RD	39K	J	1/6W	YMI	
R418	56		RD14BB2C223J	RD	22K	J	1/6W	YMI	
R419	56		RD14BB2C683J	RD	68K	J	1/6W	YMI	
R420	56		RD14BB2C472J	RD	4.7K	J	1/6W	YMI	
R421	56		RD14BB2C103J	RD	10K	J	1/6W	YMI	
R422	56		RD14BB2C153J	RD	15K	J	1/6W	YMI	
R423	56		RD14BB2C103J	RD	10K	J	1/6W	YMI	
R424	56		RD14BB2C822J	RD	8.2K	J	1/6W	YMI	
R425,426	56		RD14BB2C223J	RD	22K	J	1/6W	YMI	
R427	56		RD14BB2C103J	RD	10K	J	1/6W	YMI	
R430	56		RD14BB2C471J	RD	470	J	1/6W	YMI	
R433	56		RD14BB2C104J	RD	100K	J	1/6W	YMI	
VR1			R31-0065-05	VARIABLE RESISTOR					
S1 -14			S70-0031-05	TACT SWITCH					
D1			HSS104A	DIODE					
D1			1SS131	DIODE					
⚠ D2 -4			S5688B	DIODE					
⚠ D2 -4			1SR139-400	DIODE					
D5			MTZJ6.2(B)	ZENER DIODE					
D5			UZ-6.2BSB	ZENER DIODE					
D6			MTZJ11(B)	ZENER DIODE					
D6			UZ-11BSB	ZENER DIODE					
D7			MTZJ16(B)	ZENER DIODE					
D7			UZ-16BSB	ZENER DIODE					
D8			D1NL20U	DIODE					
D9			MTZJ11(B)	ZENER DIODE					
D9			UZ-11BSB	ZENER DIODE					
D10	67		MTZJ4.7(B)	ZENER DIODE					
D10	67		UZ-4.7BSB	ZENER DIODE					
D11 -14	56		HSS104A	DIODE					
D11 -14	56		1SS131	DIODE					
D16			MTZJ3.9(B)	ZENER DIODE					
D16			UZ-3.9BSB	ZENER DIODE					
D17	56		MTZJ4.7(B)	ZENER DIODE					
D17	56		UZ-4.7BSB	ZENER DIODE					
D18			MTZJ6.2(B)	ZENER DIODE					
D18			UZ-6.2BSB	ZENER DIODE					
D19			MTZJ4.7(B)	ZENER DIODE					
D19			UZ-4.7BSB	ZENER DIODE					
D20 ,21			HSS104A	DIODE					

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **5** : C-H5 series
Y : PX(Far East, Hawaii) **T** : Europe **E** : Europe **G** : Germany **6** : C-H6 series
Y : AAFES(Europe) **X** : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
⚠ indicates safety critical components.

∗ New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

⑭

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D20 ,21			1SS131	DIODE		
D22			MTZJ16(B)	ZENER DIODE		
D22			UZ-16BSB	ZENER DIODE		
D23			MTZJ4.7(B)	ZENER DIODE		
D23			UZ-4.7BSB	ZENER DIODE		
D24			HSS104A	DIODE		
D24			1SS131	DIODE		
D201-209			HSS104A	DIODE		
D201-209			1SS131	DIODE		
D211-223			HSS104A	DIODE		
D211-223			1SS131	DIODE		
D225			HSS104A	DIODE	YMI	
D225			1SS131	DIODE	YMI	
D226	5		HSS104A	DIODE		
D226	5		1SS131	DIODE		
D227	6		HSS104A	DIODE		
D227	6		1SS131	DIODE		
D228	7		HSS104A	DIODE	KM	
D228	7		1SS131	DIODE	KM	
D229			HSS104A	DIODE	TEQ	
D229			1SS131	DIODE	TEQ	
D230			HSS104A	DIODE	TQ	
D230			1SS131	DIODE	TQ	
D231			HSS104A	DIODE	KMYIEQ	
D231			1SS131	DIODE	KMYIEQ	
D234-237			HSS104A	DIODE		
D234-237			1SS131	DIODE		
D239,240			HSS104A	DIODE		
D239,240			1SS131	DIODE		
D401,402			HSS104A	DIODE		
D401,402			1SS131	DIODE		
D404,405			MTZJ2.0(B)	ZENER DIODE		
D404,405			UZ-2.0BSB	ZENER DIODE		
D406			MTZJ4.7(B)	ZENER DIODE		
D406			UZ-4.7BSB	ZENER DIODE		
D407-410			MTZJ3.9(B)	ZENER DIODE		
D407-410			UZ-3.9BSB	ZENER DIODE		
ED2			BJ510GK	INDICATOR TUBE		
IC1			TDA7466	ANALOGUE IC		
IC2			BU4052BC	MOS-IC		
IC2			TC4052BP	IC(4CH MPX/DE-MPX)		
IC3			BU4066BC	ANALOGUE IC		
IC3			TC4066BP	IC(ANALOG/ DIGITAL SW)		
IC4 ,5			NJM4580D-D	IC(OP AMP X2)		
IC6			BA15218-DX	IC(OP AMP X2)		
IC8	6		M62431FP	ANALOGUE IC		
IC201			M38198MCA803FP	MI-COM IC		
IC202			S-806D-Z	ANALOGUE IC		
IC203			BA3834S	ANALOGUE IC		
IC204			SAA6579	ANALOGUE IC	EQT	
IC205	56		BU9253AS	MOS-IC	YMI	
IC206			NJM4565L-D	ANALOGUE IC	YMI	
⚠ Q1			2SD2012	TRANSISTOR		
⚠ Q1			2SD2061	TRANSISTOR		
Q2			2SC1740S(Q,R)	TRANSISTOR		

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **5** : C-H5 series
Y : PX(Far East, Hawaii) **T** : Europe **E** : Europe **G** : Germany **6** : C-H6 series
Y : AAFES(Europe) **X** : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
⚠ indicates safety critical components.

C-H5/H51/H5W/H6/H61/H6W/H7

PARTS LIST

⑮

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
Q2			2SC2785(F,E)	TRANSISTOR		
Q3			2SA954(L,K)	TRANSISTOR		
Q4			2SA1175(F,E)	TRANSISTOR		
Q4			2SA933AS(Q,R)	TRANSISTOR		
⚠ Q5 ,6			2SD2137(P)	TRANSISTOR		
⚠ Q5 ,6			2SD2525	TRANSISTOR		
⚠ Q7			2SA1534A(R,S)	TRANSISTOR		
Q8			DTC113ZSA	DIGITAL TRANSISTOR		
Q8			UN4219	DIGITAL TRANSISTOR		
Q9			2SA1175(F,E)	TRANSISTOR		
Q9			2SA933AS(Q,R)	TRANSISTOR		
Q10			2SC3940A(R,S)	TRANSISTOR		
Q11			2SB1168(S,T)	TRANSISTOR		
⚠ Q12			2SC1740S(Q,R)	TRANSISTOR		
Q12			2SC2785(F,E)	TRANSISTOR		
Q13,14			2SA1175(F,E)	TRANSISTOR		
Q13,14			2SA933AS(Q,R)	TRANSISTOR		
Q15,16			2SC1845(F,E)	TRANSISTOR		
Q17			2SA1175(F,E)	TRANSISTOR		
Q17			2SA933AS(Q,R)	TRANSISTOR		
Q201-203			2SC1740S(Q,R)	TRANSISTOR	YMI	
Q201-203			2SC2785(F,E)	TRANSISTOR	YMI	
Q204			2SA1175(F,E)	TRANSISTOR		
Q204			2SA933AS(Q,R)	TRANSISTOR		
Q205-207	67		2SC1740S(Q,R)	TRANSISTOR		
Q205-207	67		2SC2785(F,E)	TRANSISTOR		
Q208			2SC1740S(Q,R)	TRANSISTOR		
Q208			2SC2785(F,E)	TRANSISTOR		
Q209	56		2SC1740S(Q,R)	TRANSISTOR	YMI	
Q209	56		2SC2785(F,E)	TRANSISTOR	YMI	
Q210			2SC1740S(Q,R)	TRANSISTOR		
Q210			2SC2785(F,E)	TRANSISTOR		
A1			W02-2561-05	ELECTRIC CIRCUIT MODULE		

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

K : USA **P** : Canada **R** : Mexico **5** : C-H5 series
T : Europe **E** : Europe **G** : Germany **6** : C-H6 series
X : Australia **M** : Other Areas **Q** : Russia **7** : C-H7
L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)

⚠ indicates safety critical components.

SPECIFICATIONS

[FM Tuner section]

Tuning frequency range.....87.5 MHz ~ 108MHz
Sensitivity (DIN at 75 Ω)
MONO.....1.8μV / 16.2 dBf

[MW (AM) Tuner section]

Tuning frequency range .....531 kHz ~ 1,602 kHz

[LW Tuner section]

Tuning frequency range .....153 kHz ~ 279 kHz

[Amplifier section]

Signal to noise ratio
Line (AUX).....90 dB (1HF'A)
Input sensitivity / Impedance
Line (AUX, MD)
.....200 mV / 47 kΩ (SOURCE DIRECT ON)
Output level / Impedance
SUPER WOOFER PRE OUT
.....2.0 V / 2.2 kΩ (SOURCE DIRECT ON)
TAPE or MD REC .....200 mV / 2.2 kΩ

[General]

Dimension.....W : 270 mm
H : 119 mm
D : 322 mm
Weight (net).....2.1 kg

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be exhibited at extremely cold locations (where water freezes).

Note:
Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION
14-6,Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150 Japan
KENWOOD SERVICE CORPORATION
P.O BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.